OsrHSA

コメ由来 組換えヒト血清アルブミン

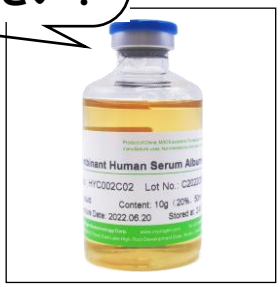
Wuhan HEALTHGEN Biotechnology Corp.

OsrHSAのメリット

- ✓アニマルオリジンフリー
- ✓高活性・安定性が高い
- ✓低コスト
- ✓臨床試験P3終了
- ✓既存のヒト血漿由来HSAと高い同等性
  GMP認定施設で製造
- ✓FDA認証・CFDA認証取得

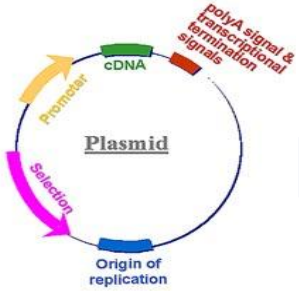
・医薬品賦形剤グレード
・細胞培養グレード
・試薬グレード
各種用途、ご相談ください！

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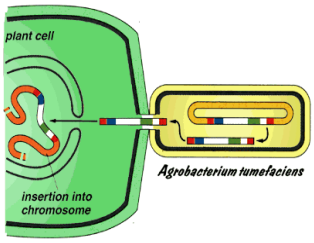




Core Technology



Vectors construction



transformation



Endosperm-specific expression

Large-scale production





Extraction and purification

OsrHSA: Recombinant Human Serum Albumin

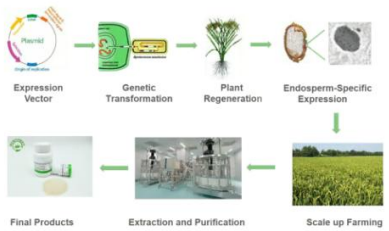
Discription	Cat No.	Format	Purity	Endotoxin	OsrHSA Applications
OsrHSA Advance	HYC002M01	Lyophilized powder	NLT 99.0%	<0.125EU/mg	1.In Cell Culture: optimized cell expansion and differentiation; 2.In Vitro Diagnostic: stabilizer, blocking agent, negative serum control;
OsrHSA Premium Powder	HYC002C01	Lyophilized powder	NLT 99.0%	<0.01EU/mg	1. In Cell&Gene Therapy: optimized for excipient applications; 2. In Virus Vaccine: cell cultue & vaccine formulation; 3. In Medical Device Coating: inhibits non-specific adsorption and protein aggregation; 4. In Vitro Fertilization: embryo culture & cryopreservation; 5. In Regenerative Medicine: tissue storage and organ preservation;
OsrHSA Premium Liquid (US DMF no.29648)	HYC002C02	Liquid (20%)	NLT 99.0%	<1.67EU/ml	1. In Cell&Gene Therapy: optimized for excipient applications; 2. In Virus Vaccine: cell cultue & vaccine formulation; 3. In Medical Device Coating: inhibits non-specific adsorption and protein aggregation; 4. In Vitro Fertilization: embryo culture & cryopreservation; 5. In Regenerative Medicine: tissue storage and organ preservation;
OsrHSA Precise	HYC002R01	Lyophilized powder	NLT 90.0%	/	1. In vitro Diagnostic: as stabilizer, protectant, competing antigen and matrix control component; 2. In Personal Care: Anti-inflammatory and antioxidant;
OsrHSA Precise	HYC002R02	Lyophilized powder	NLT 99.0%	<5.0EU/mg	1. In vitro Diagnostic: as stabilizer, protectant, competing antigen and matrix control component; 2. In Personal Care: Anti-inflammatory and antioxidant;
OsrHSA Fatty Acid free	HYC028M01	Liquid (20%)	NLT 99.0%	<0.125EU/mg	1.In Cell Culture: for cell culture of for specific cell lines;

Discription	Cat No.	Format	Purity	Source	Protein Applications
Recombinant Human Fibronectin (OsrhFN)	HYC021M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Cell culture & organoids; 2.Pre-coated plate; 3.Wound healing; 4.cosmetics; 5.In vitro diagnostic;
Recombinant Human Transferrin Holo (OsrhTF Holo)	HYC044M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Cell culture; 2.In vitro diagnostics;
Recombinant Human Transferrin Apo (OsrhTF Apo)	HYC044M02	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Cell culture; 2.In vitro diagnostics;
Recombinant Human Basic Fibroblast Growth Factor (OsrhbFGF)	HYC005M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Cell culture; 2.Wound healing & tissue repair;
Recombinant Human Epidermal Growth Factor (rhEGF)	HYC020M01	lyophilized powder	NLT 95.0%	Yeast	1. Cell culture; 2. Wound healing & tissue repair; 3. Cosmetics;
Recombinant Human Insulin-like Growth Factor-1 LR3 (rhIGF-1 LR3)	HYC007M02	lyophilized powder	NLT 95.0%	CHO cells	1.Cell culture; 2.In vitro diagnostic;
Recombinant Human Vascular Endothelial Growth Factor (OsrhVEGF)	HYC026M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Cell culture; 2.In vitro diagnostic;
Recombinant Human Keratinocyte Growth Factor (OsrhKGF)	HYC027M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1. Cell culture; 2. Cosmetics;
Recombinant Human Lactoferrin (OsrhLF)	HYC004M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Food and milk additives; 2.Cosmetics;
Anhydridized Lactoferrin (OsrhALF)	HYC049R01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.Female vaginal care;
Recombinant Human Lysozyme (OsrhLYZ)	HYC042R01	lyophilized powder	NLT 90.00%	Oryza Sativa (Rice)	1.Oral care; 2.Skin care; 3.Food preservation; 4.DNA/RNA extraction;
Recombinant Human Alpha-1 Antitrypsin (OsrhAAT)	HYC006M01	lyophilized powder	NLT 95.0%	Oryza Sativa (Rice)	1.In vitro Diagnostic;

Healthgen's Recombinant Proteins for Cell & Gene Therapy

Product Name	Cat No.	Apperance	Applicable Processes in Cell and Gene Therapy
Recombinant Human Serum Albumin (OsrHSA Advance)	HYC002M01	Lyophilized powder	1.In upstream process: cell culture, cell expansion and cell differentiation; 2.In Cell&Gene Therapy upstream: Supports cell culture processes and viral amplification;
Recombinant Human Serum Albumin (OsrHSA Premium powder)	HYC002C01	Lyophilized powder	1.In upstream process: cell culture, cell expansion and cell differentiation; 2.In downstream process: release cell stress, prevent protein aggregation;
Recombinant Human Serum Albumin (OsrHSA Premium Liquid) **US DMF no. 29648**	HYC002C02	Liquid	1.In upstream process: cell culture, cell expansion and cell differentiation; 2.In downstream process: release cell stress, prevent cell aggregation; 3.In cryopreservation: improve cell viability during storage and post-thaw ; 4.In final formulation: prevent aggregation, surface absorption and extend the half-life of peptide;
Recombinant Human Serum Albumin (OsrHSA Fatty Acid Free)	HYC028M01	Liquid	In cell culture process for specific cell lines;
Recombinant Human Fibronectin (OsrhFN)	HYC021M01	Lyophilized powder	1.In cell culture process: as an extracellular matrix to promote cell adhesion, spreading, differentiation, and proliferation; 2.In pre-coated plate: promote attachment; 3.In wound healing: enhance cellular migration;
Recombinant human Transferrin Holo (OsrhTF Holo)	HYC044M01	Lyophilized powder	In cell culture process: supplies essential iron to cells to promote proliferation;
Recombinant human Transferrin Apo (OsrhTF Apo)	HYC044M02	Lyophilized powder	In cell culture process: removes free iron ions in specific cell line culture;
Recombinant Human Basic Fibroblast Growth Factor (OsrhbFGF)	HYC005M01	Lyophilized powder	1.In cell culture process: as cell culture supplement; 2.In wound healing & tissue repair: stimulating cell growth & tissue repair;
Recombinant Human Epidermal Growth Factor (rhEGF)	HYC020M01	Lyophilized powder	1. In cell culture process: as cell culture supplement; 2. In wound healing & tissue repair: stimulating cell growth & tissue repair;
Recombinant Human Insulin-like Growth Factor LR3 (rhIGF-1 LR3)	HYC002M02	Lyophilized powder	In cell culture process: as cell culture supplement;
Recombinant Human Vascular Endothelial Growth Factor (OsrhVEGF)	HYC026M01	Lyophilized powder	In cell culture process: as cell culture supplement;
Recombinant Human Vascular Endothelial Growth Factor (OsrhKGF)	HYC027M01	Lyophilized powder	In cell culture process: as cell culture supplement;

High-expression, highly scalable Oryz^{HiExp} production platform



Remove this part, as it has been showed in the “Home” Page, addes following desciprtion:

Title: **Healthgen's Recombinant Proteins for IVD Antibody Manufacturing**

In addition to OsrHSA, Healthgen offers various recombinant proteins for antibody production. The scalable production of these proteins offers a cost-effective and reliable solution for customers in the IVD industry.

Healthgen’s Recombinant Proteins for IVD Antibody Manufacturing

Product Name	Description	Cat No.	Apperance
OsrHSA Advance	Recombinant Human Serum Albumin(Oryza Sativa)	HYC002M01	Lyophilized powder
OsrHSA Precise	Recombinant Human Serum Albumin(Oryza Sativa)	HYC002R02	Lyophilized powder
OsrhFN	Recombinant Human Fibronectin	HYC020M01	Lyophilized powder
OsrhAAT	Recombinant Human α-1 Antitrypsin	HYC006M01	Lyophilized powder
OsrhVEGF	Recombinant Human Vascular Endothelial Growth Factor	HYC026M01	Lyophilized powder
OsrhTF Holo	Recombinant Human Transferrin Holo	HYC044M01	Lyophilized powder
OsrhTF Apo	Recombinant Human Transferrin Apo	HYC044M02	Lyophilized powder
rhIGF-1 LR3	Recombinant Human Insulin-like Growth Factor-1 LR3	HYC007M02	Lyophilized powder