

Recombinant Human Serum Albumin from Pichia Pastoris (PPrHSA)

Product Description

Human serum albumin (HSA) is the most abundant protein in human plasma, produced by the liver, and vital for regulating osmotic pressure and transporting molecules. PPrHSA is a highly purified, animal- and virus-free recombinant product from *Saccharomyces cerevisiae*, structurally equivalent to plasma-derived HSA, offering a safe, reliable alternative.

Advantages and Applications

- Safety: Yeast-derived to eliminate risk of contamination.
- Consistency: Controlled production ensures high reproducibility.
- Cost-Effective: Affordable alternative to plasma-derived HSA.
- Applications: Cell culture media supplement, serum-free/reduced-serum media, cryopreservation, electrophoresis, Western blot blocking.

Product Specifications

- Source: Pichia Pastoris
- Purity: >99% by SDS-PAGE
- pH: 6.0–8.0
- Appearance: Off-white lyophilized powder
- Clarity: Clear, colorless solution when dissolved
- Solubility: Fully soluble without cloudiness
- Microbial Limit: ≤300 cfu/g
- Host Cell Protein Residue: ≤10 ng/g
- Endotoxin: <0.005 EU/μg
- Use: Research use only
- Storage: 2-8°C; reconstituted aliquots stable at -20°C for 6 months
- Shipping: Room Temperature (RT)

Caution

Handling recombinant proteins is potentially biohazardous. Always wear gloves and safety glasses. Follow universal precautions. Product performance is guaranteed only when using Angio-Proteomie's recommended protocols. Quality-related issues must be reported within one month of receipt.