

Recombinant Human Serum albumin/ALB Protein

Catalog No.: RP00254 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 213 | P02768 -1 |

Tags

C-His

Synonyms

ALB;HSA;PRO0883;PRO0903;PRO1341;albumin;Albumin

Product Information

| Source | Purification |
|--------------|--------------------|
| HEK293 cells | > 97% by SDS-PAGE. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 67.31 kDa | 70 kDa |

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Basic Information

Description

Recombinant Human Serum albumin/ALB Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp 25 - Leu 609) of human Serum albumin (Accession #NP_000468.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

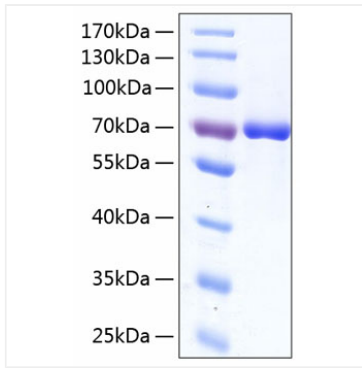
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Serum albumin/ALB Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 70 kDa.