

Biotinylated Recombinant Human Serum albumin/ALB Protein

Catalog No.: RP02559 **Recombinant**

Sequence Information

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

Tags

C-His&Avi

Synonyms

Albumin; ALB; Serum albumin; ANALBA; FDAH; PRO0883; PRO0903; PRO1341

Product Information

| Source | Purification |
|--------------|--|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

Calculated MW **Observed MW**

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube 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

Human serum albumin (HSA), the most prominent protein in plasma, binds different classes of ligands at multiple sites. HSA provides a depot for many compounds, affects pharmacokinetics of many drugs, holds some ligands in a strained orientation providing their metabolic modification, renders potential toxins harmless transporting them to disposal sites, accounts for most of the antioxidant capacity of human serum, and acts as a NO-carrier.

Basic Information

Description

Recombinant Biotinylated Human Serum Albumin Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Asp25-Leu609.

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.