

RP00254

Leader in Biomolecular Solutions for Life Science



# Recombinant Human Serum albumin/ALB Protein

Catalog No.: RP00254 **Recombinant**

## Sequence Information

| Species      | Gene ID | Swiss Prot |
|--------------|---------|------------|
| HEK293 cells | 213     | P02768 -1  |

### Tags

C-His

### Synonyms

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

## Product Information

| Source       | Purification                            |
|--------------|-----------------------------------------|
| HEK293 cells | ≥ 95 % as<br>determined by<br>SDS-PAGE. |

### 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.

## 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.

## Contact

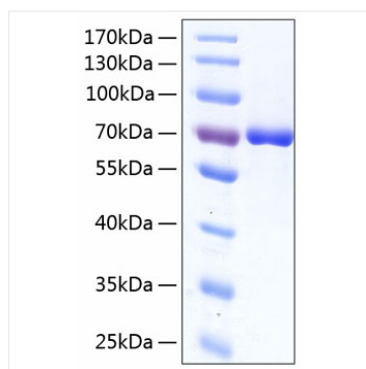


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\* For your safety and health, please wear a lab coat and disposable gloves when handling.

## Validation Data

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Recombinant Human Serum albumin/ALB Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.