

## Recombinant Human ALB Protein

**Cat. No.** ALB-264H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant human HSA (NP_000468.1)(Met1-Leu609, Ala215Val,natrual variant) was expressed.                                                                                              |
| <b>Species</b>              | Human                                                                                                                                                                                   |
| <b>Source</b>               | Yeast                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 1-609 a.a.                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Asp 25                                                                                                                                                                                  |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                                     |
| <b>Molecular Mass</b>       | The recombinant human HSA consists of 58.5 amino acids and predicts a molecular mass of 66.5 KDa. It migrates as an approximately 58-67 KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                         |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                                                        |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                               |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                               |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** ALB albumin [ Homo sapiens ]

**Official Symbol** ALB

**Synonyms** FDAH; ANALBA; PRO0883; PRO0903; PRO1341; albumin (32 AA); albumin (AA 34); cell growth inhibiting protein 42; growth-inhibiting protein 20

**Gene ID** 213

**mRNA Refseq** NM\_000477

**Protein Refseq** NP\_000468

**MIM** 103600

**UniProt ID** P02768

**Chromosome Location** 4q13.3

**Pathway** Bile acid and bile salt metabolism, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem

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