

## 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, natural variant) was expressed.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>Protein Length</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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