

## Recombinant Human ALB Protein, Animal Free

Cat. No. ALB-22H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ALB Protein without tag was expressed in Human cells. Animal Free and Xeno Free
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor.
<b>Molecular Mass</b>	60-65 kDa
<b>Endotoxin</b>	<0.5 EU/ µg
<b>Purity</b>	High Purity, >95% by SDS-PAGE
<b>Stability</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

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**Storage Buffer** Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

**Reconstitution** Reconstitute at 10-50 mg/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [ALB albumin \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [ALB](#)

**Synonyms** ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;

**Gene ID** [213](#)

**mRNA Refseq** [NM\\_000477](#)

**Protein Refseq** [NP\\_000468](#)

**MIM** [103600](#)

**UniProt ID** [P02768](#)

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