

Recombinant Human ALB Protein

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

SPECIFICATION

Product Overview	Recombinant human HSA (NP_000468.1)(Met1-Leu609, Ala215Val,natrual variant) was expressed.
Species	Human
Source	Yeast
ProteinLength	1-609 a.a.
Predicted N Terminal	Asp 25
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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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