

Active Recombinant Human ALB protein, His-tagged

Cat. No. ALB-174H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALB protein(Asp 25 - Leu 609), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp 25 - Leu 609
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Loaded Biotinylated Human FCGRT&B2M Heterodimer Protein, His,Avitag on SA Biosensor, can bind Human Serum Albumin, His Tag, low endotoxin with an affinity constant of 0.596 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 67.4 kDa. The protein migrates as 67-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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 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

UniProt ID P02768

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