

Active Recombinant Mouse ALB protein, His-Avi-tagged, Biotinylated

Cat. No. ALB-0670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse ALB protein(Glu25-Ala608), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-608 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Biotinylated Mouse Serum Albumin, His,Avitag immobilized on SA Chip can bind Mouse FCGRT&B2M Heterodimer Protein, His Tag with an affinity constant of 377 nM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 69.5 kDa. The protein migrates as 66-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu25-Ala608
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Alb albumin [Mus musculus]
Official Symbol	ALB
Synonyms	ALB; albumin; serum albumin; albumin 1; Alb1; Alb-1;
Gene ID	11657
mRNA Refseq	NM_009654
Protein Refseq	NP_033784

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