

## Active Recombinant Mouse ALB protein, His-tagged

**Cat. No.** ALB-0672M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ALB protein(Glu25-Ala608), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	25-608 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Loaded Biotinylated Mouse FCGRT&B2M Heterodimer Protein, His,Avitag (BLI verified) on SA Biosensor, can bind Mouse Serum Albumin, His Tag with an affinity constant of 0.495 µM as determined in BLI assay (ForteBio Octet Red96e).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 67.8 kDa. The protein migrates as 65-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Glu25-Ala608
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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 multiple 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.

## 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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