

Active Recombinant Rat ALB protein, His-tagged

Cat. No. ALB-0668R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ALB protein(Glu25-Ala608), fused with His tag, was expressed in HEK293.
Species	Rat
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	Loaded Biotinylated Rat FCGRT&B2M Heterodimer Protein, Avitag,His Tag&Strep II Tag on SA Biosensor, can bind Rat Serum Albumin, His Tag with an affinity constant of 4.59 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 67.8 kDa. The protein migrates as 64-68 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. >95% 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 [*Rattus norvegicus*]

Official Symbol

ALB

Synonyms

ALB; albumin; serum albumin; Alb1; Albza;

Gene ID

24186

mRNA Refseq

NM_134326

Protein Refseq

NP_599153

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