

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

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

SPECIFICATION

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|-------------------------|---|
| 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 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. |
| Conjugation | Biotin |

GENE INFORMATION

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| 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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