

Active Recombinant Human ALB protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. ALB-0673H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ALB protein(P02768-1)(25-609 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-609 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Biotinylated Human Serum Albumin, His-Avi Tag immobilized on CM5 Chip can bind Human FcRn, His Tag with an affinity constant of 1.67 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 69.4 kDa. Due to glycosylation, the protein migrates to 69-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
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Reconstitution	Dissolve the lyophilized protein in distilled water.
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GENE INFORMATION

Gene Name	ALB albumin [Homo sapiens]
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Official Symbol	ALB
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Synonyms	ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;
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Gene ID	213
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mRNA Refseq	NM_000477
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Protein Refseq	NP_000468
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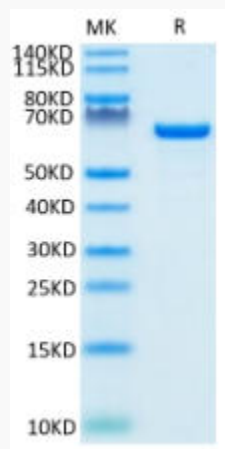
UniProt ID	P02768
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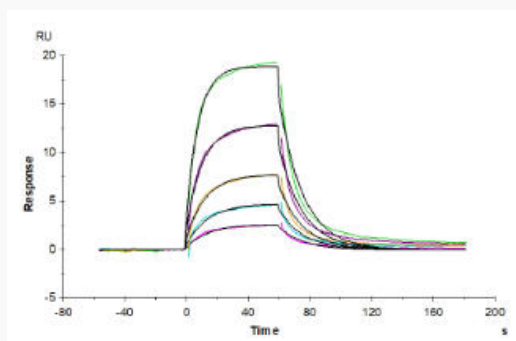
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Bis-Tris PAGE



SPR Data



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