

# Recombinant Human ALB protein, His-Avi-tagged, Biotinylated

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

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human ALB protein(P02768-1)(Asp25-Leu609), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Asp25-Leu609
<b>Tag</b>	C-His-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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).
<b>Molecular Mass</b>	The protein has a predicted MW of 69.4 kDa. Due to glycosylation, the protein migrates to 69-70 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

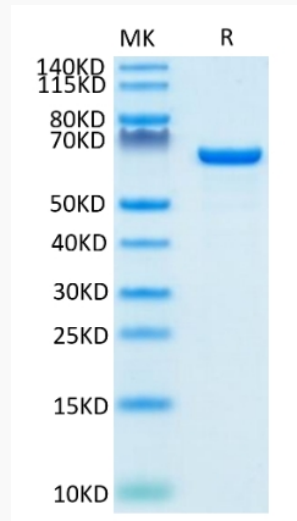
<b>Gene Name</b>	<a href="#">ALB albumin [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">ALB</a>
<b>Synonyms</b>	ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;
<b>Gene ID</b>	<a href="#">213</a>
<b>mRNA Refseq</b>	<a href="#">NM_000477</a>
<b>Protein Refseq</b>	<a href="#">NP_000468</a>
<b>UniProt ID</b>	<a href="#">P02768</a>

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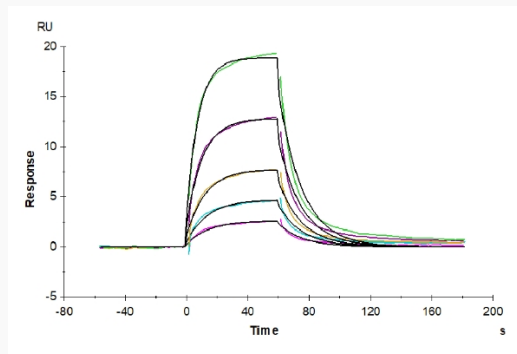
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**Tris-Bis PAGE**



**SPR Data**



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