

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ALB protein(P02768-1)(Asp25-Leu609), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp25-Leu609
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

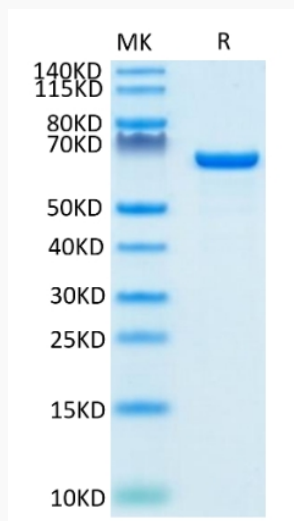
Gene Name	ALB albumin [Homo sapiens]
Official Symbol	ALB
Synonyms	ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;
Gene ID	213
mRNA Refseq	NM_000477
Protein Refseq	NP_000468
UniProt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

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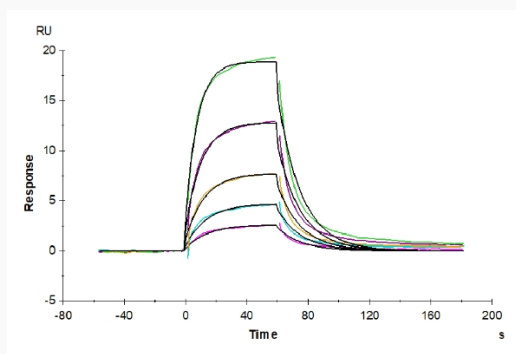
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Tris-Bis PAGE



SPR Data



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