

## Recombinant Rat Alb protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. Alb-7443R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Rat Alb protein(P02770)(25-608aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-608a.a.
<b>Tag</b>	MBP&His&Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	113.7 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

EAHKSEIAHRFKDLGEQHFKGLVLIAFSQYLQKCPYEEHIKLVQEVTDFAKTCVADEN  
 AENCCKSIHTLFGDKLCAIPKLRDNYGELADCCAKQEPERNECFLQHKDDNPPLPPF  
 QRPEAEAMCTSFQENPTSFLGHYLHEVARRHPYFYAPELLYAEKYNEVLTQCCTE  
 SDKAACLTPKLDVKEKALVAVRQRMKCSSMQRFGERAFKAWAVARMSQRFNPNA  
 EFAEITKLATDVTKINKECCHGDLLECADDRAELAKYMCENQATISSKLQACCDKPVL  
 QKSQCLAEIEHDNIPADLPSIAADFVEDKEVCKNYAEAKDVFLGTFLYEYSRRHPDYS  
 VSLLLRLAKKYEATLEKCCAEGDPPACYGTVLAEFQPLVEEPKNLVKTNCELYEKL  
 EYGFQNAVLVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEAQR LPCVEDYLSAI  
 LNRLCVLHEKTPVSEKVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDIC  
 TLPDKEKQIKKQTALAELVKHKPKATEDQLKTVMGDFAQFVDKCKCAADKDNCFAT  
 EGPNLVARSKEALA

**Conjugation**

Biotin

## 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](#)

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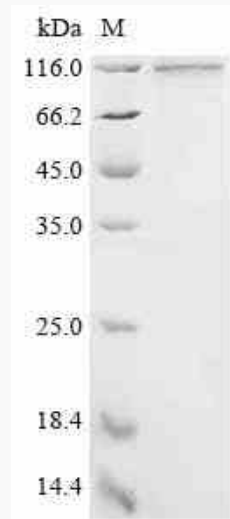
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Protein Refseq

NP\_599153

SDS-PAGE



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