

Recombinant Cynomolgus Monkey ALB Protein (25-608 aa), His-SUMO-tagged

Cat. No. ALB-324C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Monkey ALB Protein (25-608 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein.
Species	Cynomolgus
Source	E.coli
ProteinLength	25-608 aa
Description	Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca ²⁺ , Na ⁺ , K ⁺ , fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	82.0 kDa
AA Sequence	DTHKSEVAHRFKDLGEEHFKGLVLVAFSQYLQQCPFEEHVKLNVNEVTEFAKTCVAD ESAENCDKSLHTLFGDKLCTVATLRETYGEMADCCAQKQEPERNECFLQHKDDNPNL PPLVRPEVDVMCTAFHDNEATFLKKYLYEVARRHPYFYAPELLFFAARYKAAFAECC QAADKAACLLPKLDELRLDEGKASSAKQRLKCASLQKFGDRAFKAWAVARLSQKFPK AEFAEVSKLVTDLTQVHTECCHGDLLECADDRADLAKYMCENQDSISSKLKECCDK

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PLLEKSHCLAEVENDEMPADLPSLAADYVESKDVCKNYAEAKDVFLGMFLYEYARR
 HPDYSVMMLLLRLAKAYEATLEKCCAAADPHECYAKVFDEFQPLVEEPQNLVKQNCE
 LFEQLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGAKCCKLPEAKRMPCA
 EDYLSVVLNRLCVLHEKTPVSEKVTKCCTESLVNRRPCFSALELDEAYVPKAFNAET
 FTFHADMCTLSEKEKQVKKQTALVELVKHKPKATKEQLKGVMDNFAAFVEKCKKAD
 DKEACFAEEGPKFVAASQAALA

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name ALB albumin [*Macaca fascicularis* (crab-eating macaque)]

Official Symbol ALB

Gene ID 102130757

mRNA Refseq XM_005555095.2

Protein Refseq XP_005555152.1

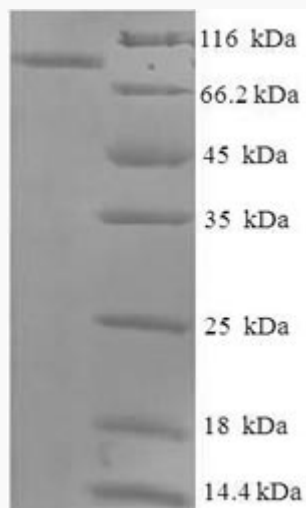
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UniProt ID

A2V9Z4



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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