

Recombinant Cynomolgus Monkey ALB Protein

Cat. No. ALB-01C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Monkey Albumin, also known as crab-eating macaque (<i>Macaca fascicularis</i>) Albumin. High purity and low endotoxin. Contains 584 amino acids residues (65,979 Daltons) derived from the prototypical Cynomolgus albumin sequence, UniProtKB-A2V9Z4. It is free from animal components, viruses and prions.
Species	Cynomolgus
Source	Yeast
Description	Binds 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	Off white/yellow powder
Molecular Mass	65,979 Daltons
Endotoxin	Low endotoxin, less than 5 EU/mg
Purity	> 95% (typically >98%, balance oligomeric forms)
Applications	Suitable for preclinical studies; Drug and protein based therapeutic research
Storage Buffer	Lyophilized from water, no additives

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GENE INFORMATION

Gene Name	ALB albumin [Macaca fascicularis (crab-eating macaque)]
Official Symbol	ALB
Synonyms	ALB; albumin; Qlv-U377A-G8; Serum albumin; EC 6.1.1.16
Gene ID	102130757
mRNA Refseq	XM_045392499
Protein Refseq	XP_045248434
UniProt ID	A2V9Z4

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