

## Recombinant Cynomolgus Monkey ALB Protein

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Cynomolgus
<b>Source</b>	Yeast
<b>Description</b>	Binds water, Ca <sup>2+</sup> , Na <sup>+</sup> , K <sup>+</sup> , 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.
<b>Form</b>	Off white/yellow powder
<b>Molecular Mass</b>	65,979 Daltons
<b>Endotoxin</b>	Low endotoxin, less than 5 EU/mg
<b>Purity</b>	> 95% (typically >98%, balance oligomeric forms)
<b>Applications</b>	Suitable for preclinical studies; Drug and protein based therapeutic research
<b>Storage Buffer</b>	Lyophilized from water, no additives

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## GENE INFORMATION

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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA