

Recombinant Mouse Alb Protein

Cat. No. Alb-01M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Albumin produced in yeast (<i>Pichia pastoris</i>) and free from risk of contamination with human or animal viruses or prions. With low endotoxin. Isoelectric Point, PI 5.75 Residues, number 584 A279nm, 1cm, 0.1% 0.63
Species	Mouse
Source	Yeast
Description	This gene encodes albumin, an abundant plasma protein essential for maintaining oncotic pressure that functions as a carrier protein for various molecules such as steroids and fatty acids in blood. This gene is primarily expressed in liver where the encoded protein undergoes proteolytic processing before secretion into the plasma.
Form	Lyophilized powder
Molecular Mass	Molecular Mass 65858 Dalton + one cysteine on average (119 Dalton) Mouse albumin is unusual in that it contains two free sulphhydryls. We have blocked c-terminal cysteine to improve stability. If your research requires active cys34, contact us for custom preparation.
Endotoxin	Low endotoxin
Purity	> 95% (balance albumin fragments or dimers)

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Applications Preclinical research; Drug design; Therapeutic development

Storage Buffer Lyophilized in water, Sterile solution/custom formulation available.

GENE INFORMATION

Gene Name Alb albumin [Mus musculus (house mouse)]

Official Symbol Alb

Synonyms Alb; albumin; Alb1; Alb-1; BCL002; albumin; albumin 1; serum albumin

Gene ID 11657

mRNA Refseq NM_009654

Protein Refseq NP_033784

UniProt ID P07724

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