Recombinant Mouse Alb Protein

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

SPECIFICATION

Product Overview	Recombinant Mouse Albumin produced in yeast (Pichia pastoris) 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 steriods 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 sulphydryls. 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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