

Recombinant Mouse Alb Protein, MYC/DDK-tagged

Cat. No. Alb-568M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse albumin (Alb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	68.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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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