

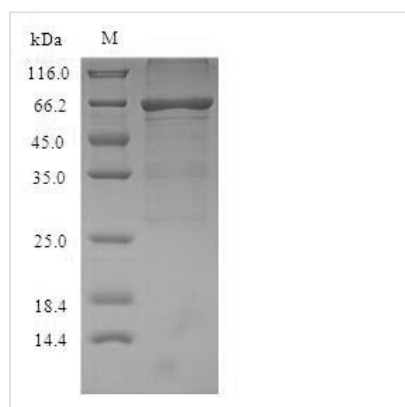


Recombinant Mouse Albumin (Alb)

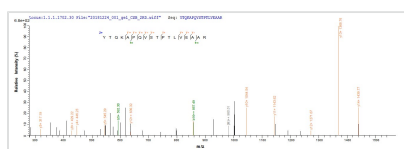
Product Code	CSB-YP001561MO
Relevance	Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca ²⁺ , Na ⁺ , K ⁺ , fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.
Abbreviation	Recombinant Mouse Alb protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P07724
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	EAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTC VADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHK DDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAE QYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSMQKFGERAF KAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYM CENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPADLPAIAADFVEDQEVCK NYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACY GTVLAEFQPLVEEPKNLVKTNCPLYEKLGEYGFQNAILVRYTQKAPQVSTPTLV EAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTGCC SGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTALAEL VKHKPKATAEQLKTVMD DFAQFLDTCKAADKDTCFSTEGPNLVTRCKDALA
Research Area	Cardiovascular
Source	Yeast
Target Names	Alb
Protein Names	Recommended name: Serum albumin
Expression Region	25-608aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	67.9kDa
Protein Length	Full Length of Mature Protein



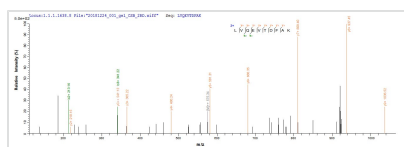
Image



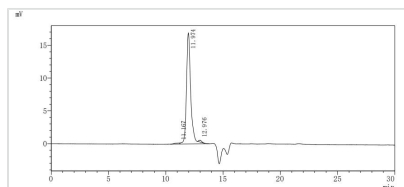
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP001561MO could indicate that this peptide derived from Yeast-expressed Mus musculus (Mouse) Alb.



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The purity of Alb was greater than 95% as determined by SEC-HPLC

Shelf Life

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