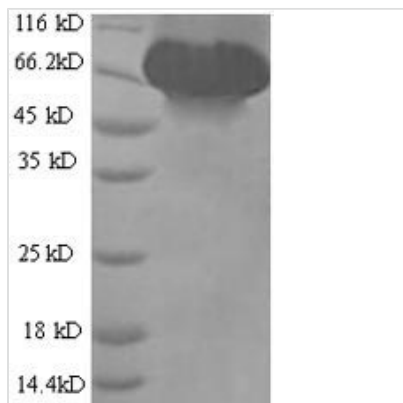




# Recombinant Dog Albumin (ALB)

<b>Product Code</b>	CSB-YP001561DO
<b>Relevance</b>	Serum albumin, the main protein of plasma, has a good binding capacity for 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>Abbreviation</b>	Recombinant Dog ALB protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P49822
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Canis lupus familiaris (Dog) (Canis familiaris)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	EAYKSEIAHRYNDLGEEHFRGLVLFVAFSQYLQQCPFEDHVKLAKEVTEFAKAC AAEESGANCDKSLHTLFGDKLCTVASLRDKYGDMA DCCEKQEPDRNECFLAH KDDNPGFPPLVAPEPDALCAAFQDNEQLFLGKLYE IARRHPYFYAPELLYYA QQYKGVFAECCQAADKAACLGPKIEALREKVLLSSAKERFKCASLQKFGDRAF KAWSVARLSQRFPKADFAEISKVVTDLTKVHKECCHGDLLECADDRADLAKY MCENQDSISTKLKECCDKPVLEKSQCLAEVERDELPGDLPSLAADFVEDKEVC KNYQEAKDVFLGTFLYEYARRHPEYSVSLLLRLAKEYEATLEKCCATDDPPTC YAKVLDEFKPLVDEPQNLVKTNCELFEKLGEYGFQNALLVRYTKKAPQVSTPT LVEVSRKLGKVGTKCCKKPESERMSCAEDFLSVVLNRLCVLHEKTPVSEVTK CCSESLVNRPCFSGLEVDETYVPKEFNAETFTFHADLCTLPEAEKQVKKQTA LVELLKHKPKATDEQLKTVMGDFGAFVEKCCAAENKEGCFSEEGPKLVAAAQ AALV
<b>Research Area</b>	Cardiovascular
<b>Source</b>	Yeast
<b>Target Names</b>	ALB
<b>Protein Names</b>	Recommended name: Serum albumin Alternative name(s): Allergen= Can f 3
<b>Expression Region</b>	25-608aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	67.7kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



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

### Shelf Life

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