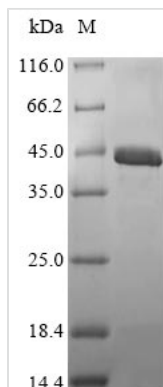




Recombinant Penaeus sp. Sarcoplasmic calcium-binding protein, alpha-B and -A chains

Product Code	CSB-EP355859PEO
Relevance	Like parvalbumins, SCP's seem to be more abundant in fast contracting muscles, but no functional relationship can be established from this distribution.
Abbreviation	Recombinant Penaeus sp. SCP alpha chain 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.	P02636
Product Type	Recombinant Protein
Immunogen Species	Penaeus sp. (Penaeid shrimp)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	AYSWDNRVKYVVRYMYDIDDDGFLDKNDFECLAVRNTLIEGRGEFSAADYAN NQKIMRNLWNEIAELADFNKDGEVTVDEFKMAVQKHCQGKKYSEFPGAFKVF ANQFKAIDVNGDGKVLDEYRLDCITRSAFEVKEIDDAYDKLTTEDDRKAGG LTLERYQDLYAQFISNPNESSACFLFGPLKVVQ
Research Area	others
Source	E.coli
Protein Names	Recommended name: Sarcoplasmic calcium-binding protein, alpha-B and -A chains Short name= SCP alpha chain
Expression Region	1-192aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	42.0kDa
Protein Length	Full Length

Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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