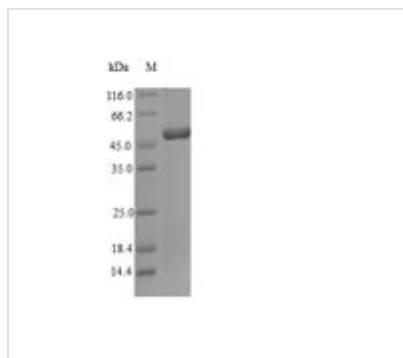




Recombinant Dermatophagoides farinae

Tropomyosin

Product Code	CSB-EP631529DCO
Relevance	Tropomyosin, in association with the troponin complex, plays a central role in the calcium dependent regulation of muscle contraction.
Abbreviation	Recombinant Dermatophagoides farinae Tropomyosin 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.	Q23939
Alias	Mag44 Allergen: Der f 10
Product Type	Recombinant Protein
Immunogen Species	Dermatophagoides farinae (American house dust mite)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MEAIKKKMQAMKLEKDNAIDRAEIAEQKARDANLRAEKSEEEVRALQKKIQQIE NELDQVQEQLSAANTKLEEKEKALQTAEGDVAALNRRRIQLIEEDLERSEERLKI ATAKLEEASQSADESERMRKMLEHRSITDEERMDGLENQLKEARMMAEDAD RKYDEVARKLAMVEADLERAEERAETGESKIVELEEEELRVVGNLKSLEVSEE KAQQREEAYEQQIRIMTAKLKEAEARAEFAERSVQKLQKEVDRLDELVHEKE KYKSISDELDQTFAELTGY
Research Area	Others
Source	E.coli
Expression Region	1-284aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	49.0kDa
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

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.