Tropomyosin Periplaneta Americana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tropomyosin, Recombinant Protein
Full Product Name	Recombinant Periplaneta americana Tropomyosin
Sequence	MDAIKKKMQA MKLEKDNAMD CALLCEQQAR DANLRAEKAE EEARSLQKKI QQIENDLDQT MEQLMQVNAK LDEKDKALQN AESEVAALNR RIQLLEEDLE RSEERLATAT AKLAEASQAV DESERARKIL ESKGLADEER MDALENQLKE ARFMAEEADK KYDEVARKLA MVEADLERAE ERAESGESKI VELEEELRVV GNNLKSLEVS EEKANLREEE YKQQIKTLTT RLKEAEARAE FAERSVQKLQ KEVDRLEDEL VHEKEKYKFI CDDLDMTFTE LAGY
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	32,777 Da
Sequence Positions	1-284, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9UB83
Species	Periplaneta americana (American cockroach) (Blatta americana)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tropomyosin recombinant protein	MBS1308431 is a recombinant protein targeting Tropomyosin. Also known as Recombinant Periplaneta americana Tropomyosin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tropomyosin recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Tropomyosin. It may not necessarily be applicable to this product.

NCBI GI #	14423957
NCBI Accession #	Q9UB83.1
UniProt Primary Accession #	Q9UB83
UniProt Secondary Accession #	O97144
NCBI Official Full Name	Tropomyosin
UniProt Protein Name	Tropomyosin
UniProt Synonym Protein Names	Major allergen Per a 7; Allergen: Per a 7

Protein Family	Tropomyosin
UniProt Comments for Tropomyosin	Tropomyosin, in association with the troponin complex, plays a central role in the calcium dependent regulation of muscle contraction.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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