Actin-3, Muscle-Specific (LOC105229889) Bactrocera Dorsalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Actin-3, muscle-specific (LOC105229889), Recombinant Protein
Full Product Name	Recombinant Bactrocera dorsalis Actin-3, muscle-specific
Product Gene Name	LOC105229889 recombinant protein
Sequence	DDEVAALVVD NGSGMCKAGF AGDDAPRAVF PSIVGRPRHQ GVMVGMGQKD SYVGDEAQSK RGILTLKYPI EHGIITNWDD MEKIWHHTFY NELRVAPEEH PVLLTEAPLN PKANREKMTQ IMFETFNTPA MYVAIQAVLS LYASGRTTGI VLDSGDGVSH TVPIYEGYAL PHAILRLDLA GRDLTDYLMK ILTERGYSFT TTAEREIVRD IKEKLCYVAL DFEQEMATAA ASTSLEKSYE LPDGQVITIG NERFRCPESL FQPSFLGMES SGIHETVYNS IMKCDVDIRK DLYANIVMSG GTTMYPGIAD RMQKEITALA PSTIKIKIIA PPERKYSVWI GGSILASLST FQQMWISKQE YDESGPGIVH RKCF
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	41,816 Da
Sequence Positions	3-376, 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 P45886
Species	Bactrocera dorsalis (Oriental fruit fly) (Dacus dorsalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC105229889 recombinant protein	MBS1206402 is a recombinant protein targeting LOC105229889. Also known as Recombinant Bactrocera dorsalis Actin-3, muscle-specific. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC105229889 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 LOC105229889. It may not necessarily be applicable to this product.

NCBI GI #	1132390319
NCBI GeneID	105229889
NCBI Accession #	XP_011208683.2
UniProt Primary Accession #	P45886
UniProt Related Accession #	P45886

GenBank Nucleotide #	XM_011210381.2
NCBI Official Full Name	LOW QUALITY PROTEIN: actin-3, muscle-specific
NCBI Official Symbol	LOC105229889
NCBI Official Synonym Symbols	ACT3; actin
UniProt Protein Name	Actin-3, muscle-specific
Protein Family	Actin
NCBI Protein Information	LOW QUALITY PROTEIN: actin-3, muscle-specific
UniProt Comments for LOC105229889	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
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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