Twinfilin-2 (twf2) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Twinfilin-2 (twf2), Recombinant Protein
Full Product Name	Recombinant Danio rerio Twinfilin-2 (twf2)
Product Gene Name	twf2 recombinant protein
Product Synonym Gene Name	twf2
Sequence	MFLVLVVTEE LREFLARARN GTGRLIQVLI RDEQLVLGAY REPRHSWDKD YDPVLLPLLD PLEPCYILYR LDSKNAQGYE WLFISWSPDQ SPVRQKMLYA ATRATVKKEF GGGHVKDEMF GTVEEDICLQ GYLRHITSCS APAPLTVAEQ ELQRIKITEV KAEISVDPKH QTLQGLAFPL QAEAKRALKQ LAERRINYIQ LKLDTEKETI DLVHTSPTDI RDLPCRIPLD TPRYHFFLYK HSHEGDYLES VVFIYSMPGY SCSIKERMLY SSCKSRLLDE VERDFHLEVA KKLEIDSGEE LTEEYLYDEV HPKQHAHKQA FAKPRGPAGK RGNKRLIKGG GENGGNS
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	39,859 Da
Sequence Positions	1-347, 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 Q6GMH3
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for twf2 recombinant protein	MBS1342370 is a recombinant protein targeting twf2. Also known as Recombinant Danio rerio Twinfilin-2 (twf2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of twf2 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 twf2. It may not necessarily be applicable to this product.

NCBI GI #	57770462
NCBI GeneID	100310784
NCBI Accession #	NP_001009897.1
UniProt Primary Accession #	Q6GMH3
UniProt Related Accession #	Q6GMH3

GenBank Nucleotide #	NM_001009897.2
NCBI Official Full Name	twinfilin-2
NCBI Official Symbol	twf2
UniProt Protein Name	Twinfilin-2
UniProt Synonym Protein Names	Twinfilin-1-like protein
Protein Family	Twinfilin
UniProt Gene Name	twf2
UniProt Synonym Gene Names	ptk9l; twf1l
NCBI Protein Information	twinfilin-2
UniProt Comments for twf2	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin ().
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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