Insulin-Like Growth Factor-Binding Protein 2-B (igfbp2b) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Insulin-like growth factor-binding protein 2-B (igfbp2b), Recombinant Protein
Full Product Name	Recombinant Danio rerio Insulin-like growth factor-binding protein 2-B (igfbp2b)
Product Gene Name	igfbp2b recombinant protein
Sequence	EIVFRCPSCT AERQAACPKL TTSCEIVREP GCGCCPVCAR QKGELCGVYT TRCGSGLRCY PSANSELPLE QLIQGLGRCE NKVDLEPTMT NQESAAHSGE VNGTRSPPMK KPGKDYQYIK EIAVNKHHNN KRTRMYNTQD DPKTPHPKQS QCQQELDKVL ENISRMAFHD NKGPLENLYD LKFPNCDKTG QYNLKQCHMS THGQRGECWC VNPYTGVQIP SSDKVRGDPN CSQYYGGPEL EPPTAQQK
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	29,439 Da
Sequence Positions	18-265, 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 B3F211
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for igfbp2b recombinant protein	MBS1262254 is a recombinant protein targeting igfbp2b. Also known as Recombinant Danio rerio Insulin-like growth factor-binding protein 2-B (igfbp2b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of igfbp2b 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 igfbp2b. It may not necessarily be applicable to this product.

NCBI GI #	257096543
NCBI GeneID	798920
NCBI Accession #	B3F211.1
UniProt Primary Accession #	B3F211
UniProt Related Accession #	B3F211
NCBI Official Full Name	Insulin-like growth factor-binding protein 2-B

NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2b
NCBI Official Symbol	igfbp2b
NCBI Official Synonym Symbols	igfbp2a; si:ch211-2k18.3
UniProt Protein Name	Insulin-like growth factor-binding protein 2-B
Protein Family	Insulin-like growth factor-binding protein
UniProt Gene Name	igfbp2b
UniProt Synonym Gene Names	IGF-binding protein 2-B; IGFBP-2-B; IGFBP-2b
NCBI Protein Information	insulin-like growth factor-binding protein 2-B
UniProt Comments for igfbp2b	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.
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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