Meteorin-Like Protein (metrnl) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Meteorin-like protein (metrnl), Recombinant Protein
Full Product Name	Recombinant Danio rerio Meteorin-like protein (metrnl)
Product Gene Name	metrnl recombinant protein
Product Synonym Gene Name	metrnl
Sequence	QYSSDQCSWR GSGLTHEGHT RGVEQVYLRC AQGFLEWLYP TGAIIVNLRP NTLSPAASLL SVCIKPSKES SGTHIYLDRL GKLRLLLSEG DQAEGKVHCF NIQDGALFIE AVPQRDISRK ITAFQYELVN HRPGADPQSL SAPCQPCTDA EVLLAVCTSD FVARGRILGV SEEDEQTSVT VSLSHLYRQK TQVFVSGGGR AKRWTGFVKM SRQCGVKPGD GEFLFTGTVR FGEAWLSCAP RYKDFLRVYQ DARQQGTNPC HLETD
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	31,709 Da
Sequence Positions	22-286, 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 Q7ZV46
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metrnl recombinant protein	MBS1284367 is a recombinant protein targeting metrnl. Also known as Recombinant Danio rerio Meteorin-like protein (metrnl). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metrnl 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 metrnl. It may not necessarily be applicable to this product.

NCBI GI #	47085703
NCBI GeneID	406258
NCBI Accession #	NP_998150.1
UniProt Primary Accession #	Q7ZV46
UniProt Related Accession #	Q7ZV46

GenBank Nucleotide #	NM_212985.1
NCBI Official Full Name	meteorin-like protein
NCBI Official Synonym Full Names	meteorin, glial cell differentiation regulator-like
NCBI Official Symbol	metrnl
NCBI Official Synonym Symbols	fc90a08; fj23b04; zgc:56225; wu:fc90a08; wu:fj23b04
UniProt Protein Name	Meteorin-like protein
Protein Family	Meteorin-like protein
UniProt Gene Name	metrnl
NCBI Protein Information	meteorin-like protein
UniProt Comments for metrnl	Hormone induced following exercise or cold exposure that promotes energy expenditure. Induced either in the skeletal muscle after exercise or in adipose tissue following cold exposure and is present in the circulation. Able to stimulate energy expenditure associated with the browning of the white fat depots and improves glucose tolerance ().
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