Olfactomedin-Like Protein 3b (olfml3b) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Olfactomedin-like protein 3B (olfml3b), Recombinant Protein
Full Product Name	Recombinant Danio rerio Olfactomedin-like protein 3B (olfml3b)
Product Gene Name	olfml3b recombinant protein
Product Synonym Gene Name	olfml3b
Sequence	QYHYQGLMNY LENRMLAMEE RIALWHEQNN RYNSDLKEFR QQAADLLEKL SKDHSKLRSD LEGAGARVDR VEREMDYIET KNPPKPCVKA ADKMVEQDAV IKEKKKEEFF ELSVCVNIIS SLKAMKILKR LGSPKGLWTK DARSAKIYVF NGTSDNTLYE FSSMRELSSS SGVSKGKQIT VPTAWNGTGH AVYDGFLYYI SESSELQVVK YDLTNSSVAD TAVLPMEERS PVYQLNPETL VDLVADEDGL WALYPAGDTI NLAKMDSNSL DIEQMWDTAC PRSNAEAAFI VCGTVYVVYN TKPPSRSRVQ CVFDVNDMVS NGEAPLIYFP RRYGAHSSLK YNPEERQLYA WDDGYQILYK LELKKKLWAV MPPPEE
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	44,922 Da
Sequence Positions	19-394, 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 Q0P3W2
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for olfml3b recombinant protein	MBS1423429 is a recombinant protein targeting olfml3b. Also known as Recombinant Danio rerio Olfactomedin-like protein 3B (olfml3b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of olfml3b 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 olfml3b. It may not necessarily be applicable to this product.

NCBI GI #	113951763
NCBI GeneID	568106
NCBI Accession #	NP_001039322.1
UniProt Primary Accession #	Q0P3W2

UniProt Related Accession #	Q0P3W2
GenBank Nucleotide #	NM_001045857.1
NCBI Official Full Name	olfactomedin-like protein 3B
NCBI Official Synonym Full Names	olfactomedin-like 3a
NCBI Official Symbol	olfml3a
NCBI Official Synonym Symbols	olfml3b; zgc:153761
UniProt Protein Name	Olfactomedin-like protein 3B
Protein Family	Olfactomedin-like protein
UniProt Gene Name	olfml3b
NCBI Protein Information	olfactomedin-like protein 3B
UniProt Comments for olfml3b	Secreted scaffold protein that plays an essential role in dorsoventral patterning during early development. Stabilizes axial formation by restricting chordin (CHRD) activity on the dorsal side. Acts by facilitating the association between the tolloid proteases and their substrate chordin (CHRD), leading to enhance chordin (CHRD) degradation ().
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