Draxin-B (LOC106582973) Salmo Salar Recombinant Protein

PRODUCT OVERVIEW

Product Name	Draxin-B (LOC106582973), Recombinant Protein
Full Product Name	Recombinant Salmo salar Draxin-B
Product Gene Name	LOC106582973 recombinant protein
Sequence	AEPSSTHAKR RLAQPSPGNG NALQYPEQGF QSHGHGNVRE RGGRHGGQGA HSAKANTGAG LLSRSPLHPA ARHEDDGTGL DGLSPVRLEM GPGGRERENG RGGFRNPSHA RENHPLGPHK GKAQGHGHHF DHRRHGGRRD KGRHTKGFFP EPELDSSLKE GSVSSTIFGS GSSAVTTVMS EHPPMLPPAS TKPKKSGRGK VQGEVMPTLD MTLFDWTDYE DMKPVDAWPS SRKKDKRRSK NLSSGNVTVD SDAIEPCDHH LDCLPGSCCD LRQHECKLHN RGLNNKCYDD CMCEEGFRCY AKFHRKLHVT RRRGRCVVPE SANRDQGAFI TV
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	38,575 Da
Sequence Positions	22-353, 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 B5X1Q3
Species	Salmo salar (Atlantic salmon)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC106582973 recombinant protein	MBS1233884 is a recombinant protein targeting LOC106582973. Also known as Recombinant Salmo salar Draxin-B. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC106582973 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 LOC106582973. It may not necessarily be applicable to this product.

NCBI GI #	929289909
NCBI GeneID	106582973
NCBI Accession #	XP_014022093.1
UniProt Primary Accession #	B5X1Q3
UniProt Related Accession #	B5X1Q3

GenBank Nucleotide #	XM_014166618.1
NCBI Official Full Name	draxin-B isoform X1
NCBI Official Symbol	LOC106582973
NCBI Official Synonym Symbols	CA187
UniProt Protein Name	Draxin-B
UniProt Synonym Protein Names	Dorsal inhibitory axon guidance protein B
Protein Family	Draxin
UniProt Gene Name	draxin-B
NCBI Protein Information	draxin-B
UniProt Comments for LOC106582973	Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/draxin-b/1233884