Neurogenic Differentiation Factor 2 (neurod2) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neurogenic differentiation factor 2 (neurod2), Recombinant Protein
Full Product Name	Recombinant Danio rerio Neurogenic differentiation factor 2 (neurod2)
Product Gene Name	neurod2 recombinant protein
Product Synonym Gene Name	neurod2
Sequence	MLTRLFKEPS LLPDMQKFGG WVDDSGSEDS KTKDEEQERC RLGDEDLDEG SVKGGGSRAQ SEIAGEEDYD EDVDEDDCGE EGDGDRPKKR GPKKRKMTPA RLERSKVRRQ KANARERTRM HDLNSALDNL LKVVPCYSKT QKLSKIETLR LAKNYIWALS EILRNGKRPD VVSYVQTLCK GLSQPTTNLV AGCLQLNSRN FLTEQCQEGV RFHTPTPSFS IQSYPYQCSR LSSTNCQSGS STHSLRNHSL CSAYEALYTE GTSPEYISAD FEGHHGPPVC VNGNFGVRQE EPLSPDAERG YQYSMHYTNL HGSRSSAAHG ITCGPPGARS GSVHSENLPL FHDVHMHHDR TPAYEELNAF FHS
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	40,605 Da
Sequence Positions	1-363, 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 Q9W6C8
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for neurod2 recombinant protein	MBS1420183 is a recombinant protein targeting neurod2. Also known as Recombinant Danio rerio Neurogenic differentiation factor 2 (neurod2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of neurod2 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 neurod2. It may not necessarily be applicable to this product.

NCBI GI #	18859079
NCBI GeneID	114435
NCBI Accession #	NP_571157.1
UniProt Primary Accession #	Q9W6C8

UniProt Related Accession #	Q9W6C8
GenBank Nucleotide #	NM_131082.1
NCBI Official Full Name	neurogenic differentiation factor 2
NCBI Official Synonym Full Names	neurogenic differentiation 2
NCBI Official Symbol	neurod2
NCBI Official Synonym Symbols	ndr2; zNdr2; wu:fj49a11
UniProt Protein Name	Neurogenic differentiation factor 2
Protein Family	Neurogenic differentiation factor
UniProt Gene Name	neurod2
UniProt Synonym Gene Names	NeuroD2
NCBI Protein Information	neurogenic differentiation factor 2
UniProt Comments for neurod2	Transcriptional regulator. Appears to mediate neuronal differentiation ().
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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