Neurogenic Differentiation Factor 6-A (neurod6a) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neurogenic differentiation factor 6-A (neurod6a), Recombinant Protein
Full Product Name	Recombinant Danio rerio Neurogenic differentiation factor 6-A (neurod6a)
Product Gene Name	neurod6a recombinant protein
Product Synonym Gene Name	neurod6a
Sequence	MLTLPFEDPV IMDTQFGANF PRDCVGDLKG NKQEPFEKEE TLSHVMDDDD SEKDEDERED GQDENGLPRR RGPRKKKMTK ARVDRVKVRR MEANARERNR MHGLNNALDS LRKVVPCYSK TQKLSKIETL RLAKNYIWAL SEILSTGKRP DLLTFVQTLC KGLSQPTTNL VAGCLQLNAR NFIPDQISGE ASFSGRSPYE SVYSTYHSPS VVTPSGPSVD AVKPFRSFNY CSSYESFYES VSPECGSPQF EGPLSPPINF NGIFSLKHEE PVEYGKSCHY GTRYCAVPPR ASIGQSARGS SDLHFPYDIH LRGQFYPVQD ELNTFHN
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	36,949 Da
Sequence Positions	1-327, 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 Q6NYU3
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for neurod6a recombinant protein	MBS1394288 is a recombinant protein targeting neurod6a. Also known as Recombinant Danio rerio Neurogenic differentiation factor 6-A (neurod6a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of neurod6a 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 neurod6a. It may not necessarily be applicable to this product.

NCBI GI #	823630992
NCBI GeneID	114414
NCBI Accession #	NP_571891.3
UniProt Primary Accession #	Q6NYU3

UniProt Secondary Accession #	Q9W6C6
UniProt Related Accession #	Q6NYU3
GenBank Nucleotide #	NM_131816.3
NCBI Official Full Name	neurogenic differentiation factor 6-A
NCBI Official Synonym Full Names	neuronal differentiation 6a
NCBI Official Symbol	neurod6a
NCBI Official Synonym Symbols	ndr1a; Zath2a; atoh2a; neuroD6-A
UniProt Protein Name	Neurogenic differentiation factor 6-A
UniProt Synonym Protein Names	Protein atonal homolog 2-A
Protein Family	Neurogenic differentiation factor
UniProt Gene Name	neurod6a
UniProt Synonym Gene Names	NeuroD6-A
NCBI Protein Information	neurogenic differentiation factor 6-A
UniProt Comments for neurod6a	Differentiation factor required for neurogenesis. Acts as an upstream activator of isl1.
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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