Neuroguidin-B (ngdn-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neuroguidin-B (ngdn-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Neuroguidin-B (ngdn-b)
Product Gene Name	ngdn-b recombinant protein
Product Synonym Gene Name	ngdn-b
Sequence	AAAGDVILED VPGSVNLFNT LQDQITKVTA HVQDLTQKVR SSIYNTDKGL SFLELKDQLL LFYLQDLTHL MLEKTNGKSI KGNPGILRLV ELRTVLEKMR PIDQKLKYQI DKLVKAAVTG SLGENDPLRF KPNPQNLMSK LSEPDERESD SGEEGAEGGV AKKPQSKVKR YIPPRLAPVH YDDTEAEREH RIVERAKKLA LSSSTIRELK EQYSDAPEEI REGRAYHMMR HDKEEQHRIN HEESMMVRLN MTRKEKARKK RVLSMTSQLN SLTHFSDISA LTGGEGRAED MVPFMKKSKK GPKKSKKKKG FSRRRH
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	36,067 Da
Sequence Positions	1-316, 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 Q5M985
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ngdn-b recombinant protein	MBS1364217 is a recombinant protein targeting ngdn-b. Also known as Recombinant Xenopus laevis Neuroguidin-B (ngdn-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ngdn-b 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 ngdn-b. It may not necessarily be applicable to this product.

NCBI GI #	82179538
NCBI Accession #	Q5M985.1
UniProt Primary Accession #	Q5M985
NCBI Official Full Name	Neuroguidin-B
UniProt Protein Name	Neuroguidin-B

UniProt Synonym Protein Names	EIF4E-binding protein B
Protein Family	Neuroguidin
UniProt Gene Name	ngdn-b
UniProt Comments for ngdn-b	May inhibit mRNA translation.
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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