Neuroguidin (NGDN) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neuroguidin (Ngdn), Recombinant Protein
Full Product Name	Recombinant Mouse Neuroguidin (Ngdn)
Product Gene Name	Ngdn recombinant protein
Product Synonym Gene Name	Ngdn
Sequence	AAPEVLESDV SSSITLLKNL QEQVMAVTAQ IQALTTKVRA GTYSTEKGLS FLEVKDQLLL MYLMDLSHLI LDKASGASLQ GHPAVLRLVE IRTVLEKLRP LDQKLKYQID KLVKTAVTGS LSENDPLRFK PHPSNMVSKL SSEDEEESEA EEGQSEASGK KSAKGSAKKY VPPRLVPVHY DETEAEREQK RLEKAKRRAL SSSVIRELKE QYSDAPEEIR DARHPHVTRQ SQEDQHRVNY EESMMVRLSV SKREKGLRRR ASAMSSQLHS LTHFSDISAL TGGTAHLDED QNPVKKRKKL PKKGRKKKGF RRRW
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	35,659 Da
Sequence Positions	2-315, 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 Q9DB96
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ngdn recombinant protein	MBS1352437 is a recombinant protein targeting Ngdn. Also known as Recombinant Mouse Neuroguidin (Ngdn). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ngdn 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. It may not necessarily be applicable to this product.

NCBI GI #	58037133
NCBI GeneID	68966
NCBI Accession #	NP_081166.1
UniProt Primary Accession #	Q9DB96
UniProt Secondary Accession #	Q8CIJ2

UniProt Related Accession #	Q9DB96
GenBank Nucleotide #	NM_026890.2
NCBI Official Full Name	neuroguidin
NCBI Official Synonym Full Names	neuroguidin, EIF4E binding protein
NCBI Official Symbol	Ngdn
NCBI Official Synonym Symbols	Ngd; neuroguidin; 1500001L15Rik
UniProt Protein Name	Neuroguidin
UniProt Synonym Protein Names	EIF4E-binding protein
Protein Family	Neuroguidin
UniProt Gene Name	Ngdn
UniProt Synonym Gene Names	Ngd
NCBI Protein Information	neuroguidin
UniProt Comments for Ngdn	Inhibits mRNA translation in a cytoplasmic polyadenylation element (CPE)-dependent manner.
Research Articles on Ngdn	**1.** poly(A) polymerase Gld2, deadenylase PARN, and translation inhibitory factor neuroguidin (Ngd) are components of a dendritic CPEB-associated polyadenylation apparatus
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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