Neuronal Tyrosine-Phosphorylated Phosphoinositide-3-Kinase Adapter 2 (NYAP2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2 (Nyap2), Recombinant Protein
Full Product Name	Recombinant Mouse Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2 (Nyap2)
Product Gene Name	Nyap2 recombinant protein
Product Synonym Gene Name	Nyap2
Sequence	MIPSKMMSAN PEEDPLDTFF QYIEDMGMKA YDGLVIQNAS DIARENDRLR NETKLAYLKE KNEKRRRQEE TIKRIGGEVG RGQDASYAGK HFRMGFMTMP APQDRLPHPC SSGFTVRSQS LHSVGGTEDD SSCGSRRQPP PKPKRDPSTK LSTSSETVNS TAASKSGRSL ERAEGKFTVP ASHSPPRAST SGHLFPSPGS QERNIKVSAK PRPHSDEYSK KIPPPKPKRN PNTQLSTSFD ETYIKKHVPR RTSLPRDSSL SQVCSPAADP EEEEPVYIEM VGNILRDFRK EEDDQSEAVY EEMKYPIFDD LGHDSKCDFD HHSCSSQCAT PTVPDLDFVK SSGPCTPKGL LCDIPPPFPN LLSHRPPLLV FPPAPVHCSP NSDESPLTPL EVTKLPVLEN VSYMKQPPGA CPSSLPSHGS SHAKDQTGAL GPAPGASILS SSPPPPSTLY RTQSPHGYPK SHSTSPSPVS MGRSLTPLSL KRPPPYDAVH SGSLSRSSSS VPHTTPRPVS QDGAKMVNAA VNTYSAAQSG SRSRTPTSPL EELTSLFTSG RSLLRKSSSG RRSKEPAEKS TEELKVRSHS TEPLPKLDSK ERGHYGSSSS REPVKAQEWD GTPGPPVVTS RMGRCSVSPT LLAGNHSSEP KVSCKLGRSA STSGVPPPSV TPLRQASDLQ QSQVPSSLAN RD
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	78,325 Da
Sequence Positions	1-682, 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 Q8BM65
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Nyap2 recombinant protein	MBS1352809 is a recombinant protein targeting Nyap2. Also known as Recombinant Mouse Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2 (Nyap2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Nyap2 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 Nyap2. It may not necessarily be applicable to this product.

NCBI GI #	54020735
NCBI GeneID	241134
NCBI Accession #	NP_766437.2
UniProt Primary Accession #	Q8BM65
UniProt Secondary Accession #	Q641L6; Q6ZPP8; Q8BWV8; D3Z7K6
UniProt Related Accession #	Q8BM65
GenBank Nucleotide #	NM_172849.3
NCBI Official Synonym Full Names	neuronal tyrosine-phophorylated phosphoinositide 3-kinase adaptor 2
NCBI Official Symbol	Nyap2
NCBI Official Synonym Symbols	Jr6; Kiaa1486; 9430031J16Rik
UniProt Protein Name	Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2
Protein Family	Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter
UniProt Gene Name	Nyap2
UniProt Synonym Gene Names	Kiaa1486
NCBI Protein Information	neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2
UniProt Comments for Nyap2	Activates PI3K and concomitantly recruits the WAVE1 complex to the close vicinity of PI3K and regulates neuronal morphogenesis.
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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