Protein NDRG4-A (ndrg4-a) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein NDRG4-A (ndrg4-a), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Protein NDRG4-A (ndrg4-a)
Product Gene Name	ndrg4-a recombinant protein
Product Synonym Gene Name	ndrg4-a
Sequence	MKLLGHKIEL WAGLLLPDVS ISGMSELRFP EEKPLLRGQD TEMESADTFL SAADTDWKEH DIETPYGMLH VVIRGTPKGN RPAILTYHDV GLNHKLCFNT FFNYEDMQEI TKHFVVCHVD APGQQVGASQ FPQGYQYPTM DQLAAMLPSV MQHFGFQSII AIGVGAGAYV LAKFALIFPE LVEGMVLINI DPNGKGWIDW AASKISGLAS SLPETVLSHL FSQEELMNNT ELVQNYRQQI SNCVNQSNLQ LFWNMYNSRR DLEMSRPGTA PNAKTLRAPV MLVVGDNAPA EECVVECNSK LDPTNTTFLK MADSGGLPQV TQPGKLTEAF KYFLQGMGYM PSASMTRLAR SRTASLTSAS SVDGSRPRPC TQSESSDGIG QINHTMEVSC
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	40,520 Da
Sequence Positions	1-390, 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 Q640Z1
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ndrg4-a recombinant protein	MBS1308498 is a recombinant protein targeting ndrg4-a. Also known as Recombinant Xenopus laevis Protein NDRG4-A (ndrg4-a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ndrg4-a 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 ndrg4-a. It may not necessarily be applicable to this product.

NCBI GI #	148224480
NCBI GeneID	447761
NCBI Accession #	NP_001087900.1
UniProt Primary Accession #	Q640Z1

UniProt Secondary Accession #	Q5XGS5
UniProt Related Accession #	Q640Z1
GenBank Nucleotide #	NM_001094431.1
NCBI Official Full Name	protein NDRG4-A
NCBI Official Synonym Full Names	NDRG family member 3 S homeolog
NCBI Official Symbol	ndrg3.S
NCBI Official Synonym Symbols	ndrg3; ndrg4-a
UniProt Protein Name	Protein NDRG4-A
Protein Family	Protein
UniProt Gene Name	ndrg4-a
NCBI Protein Information	protein NDRG4-A
UniProt Comments for ndrg4-a	Contributes to the maintenance of intracerebral BDNF levels within the normal range. May enhance growth factor-induced ERK1 and ERK2 phosphorylation. May attenuate growth factor-promoted ELK1 phosphorylation in a microtubule-dependent manner ().
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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