Neuroblastoma Suppressor of Tumorigenicity 1 (nbl1) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Neuroblastoma suppressor of tumorigenicity 1 (nbl1), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Neuroblastoma suppressor of tumorigenicity 1 (nbl1)
Product Gene Name	nbl1 recombinant protein
Product Synonym Gene Name	nbl1
Sequence	APPINRLALF PDKSAWCEAK NITQIVGHSG CESKSIQNRA CLGQCFSYSV PNTFPQSTES LVHCDSCMPI DSVWDVVTLE CPGNEEFPRV DKLVEKILQC SCQACGKELS QEGAMFNVYL NTAEETLSPA ETLGHHHHRP PAREEDSPAQ SQREGESEE
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	19,449 Da
Sequence Positions	18-176, 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 Q6DF53
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nbl1 recombinant protein	MBS1349959 is a recombinant protein targeting nbl1. Also known as Recombinant Xenopus tropicalis Neuroblastoma suppressor of tumorigenicity 1 (nbl1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nbl1 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 nbl1. It may not necessarily be applicable to this product.

NCBI GI #	55742228
NCBI GeneID	448558
NCBI Accession #	NP_001006826.1
UniProt Primary Accession #	Q6DF53
UniProt Related Accession #	Q6DF53

GenBank Nucleotide #	NM_001006825.1
NCBI Official Full Name	neuroblastoma suppressor of tumorigenicity 1
NCBI Official Synonym Full Names	neuroblastoma 1, DAN family BMP antagonist
NCBI Official Symbol	nbl1
NCBI Official Synonym Symbols	DAN; no3; dand1; d1s1733e
UniProt Protein Name	Neuroblastoma suppressor of tumorigenicity 1
Protein Family	N-terminal-borealin-like protein
UniProt Gene Name	nbl1
NCBI Protein Information	neuroblastoma suppressor of tumorigenicity 1
UniProt Comments for nbl1	May act as a tumor suppressor. Cytokine that has an axial patterning activity. Acts like bone morpho-genetic protein (BMP) antagonist in embryonic explants. Blocks the bmp2 activity ().
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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