Probable Hydrolase PNKD (PNKD) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable hydrolase PNKD (PNKD), Recombinant Protein
Full Product Name	Recombinant Bovine Probable hydrolase PNKD (PNKD)
Product Gene Name	PNKD recombinant protein
Sequence	MAAVVAATAL KGRGARNARV LRGILSGATA NKASQNRSRA LQSHSSPECK EEPEPLSPEL EYIPRKRGKN PMKAVGLAWY SLYTRTRLGY LFYRQQLRRA RNRYPKGHSR TQPRLFNGVK VLPIPVLSDN YSYLIIDTQA RLAVAVDPSD PQAVQASIEK EGVNLVAILC THKHWDHSGG NRDLSRRHQD CRVYGSPQDS IPYLTHPLCH QDVVSVGRLQ IRALATPGHT QGHLVYLLDG EPYEGPSCLF SGDLLFLSGC GRTFEGTAET MLSSLDTVLG LGDDTLLWPG HEYAEENLGF AGVVEPENLA RERKMQWVQR QRMERKSTCP STLGEERSYN PFLRTHCLVL QEALGPSPGP TGDDGCSRAQ LLERLRQLKD LHKSK
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	42,885 Da
Sequence Positions	1-385, 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 A7YY46
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PNKD recombinant protein	MBS1255998 is a recombinant protein targeting PNKD. Also known as Recombinant Bovine Probable hydrolase PNKD (PNKD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PNKD 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 PNKD. It may not necessarily be applicable to this product.

NCBI GI #	166795234
NCBI GeneID	616561
NCBI Accession #	NP_001107642.1
UniProt Primary Accession #	A7YY46
UniProt Related Accession #	A7YY46

GenBank Nucleotide #	NM_001114170.1
NCBI Official Full Name	probable hydrolase PNKD isoform 1
NCBI Official Synonym Full Names	paroxysmal nonkinesigenic dyskinesia
NCBI Official Symbol	PNKD
UniProt Protein Name	Probable hydrolase PNKD
Protein Family	Probable hydrolase
UniProt Gene Name	PNKD
NCBI Protein Information	probable hydrolase PNKD
UniProt Comments for PNKD	Probable hydrolase that plays an aggravative role in the development of cardiac hypertrophy via activation of the NF-kappa-B signaling pathway.
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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