GPN-Loop Gtpase 3 (gpn3) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	GPN-loop GTPase 3 (gpn3), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis GPN-loop GTPase 3 (gpn3)
Product Gene Name	gpn3 recombinant protein
Product Synonym Gene Name	gpn3
Sequence	MPRYAQLVMG PAGSGKSTYC STMVQHCETL NRSVQVVNLD PAAEHFDYPV LADIRELIEV DDVMEDRSLR FGPNGGLVYC MEYFANNFDW LESCLGHTED DYILFDCPGQ IELYTHLPVM KYLVEQLQQW EFRVCGVFLV DSQFMVESFK FLSGVLAALS AMVSLEIPQC NIMTKMDLLS KKAKKEIEKF LDPDMYSMIE DTPSRFKSTK FKKLTEALCG LVDDYSMVRF LPFDRSDEEC MNIVLQHIDF AIQYGEDLEF KEPRENEEDK SENFDEYFQD RTDES
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	33,058 Da
Sequence Positions	1-285, 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 Q4V7Z0
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gpn3 recombinant protein	MBS1471284 is a recombinant protein targeting gpn3. Also known as Recombinant Xenopus laevis GPN-loop GTPase 3 (gpn3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gpn3 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 gpn3. It may not necessarily be applicable to this product.

NCBI GI #	148231847
NCBI GeneID	734520
NCBI Accession #	NP_001089469.1
UniProt Primary Accession #	Q4V7Z0
UniProt Related Accession #	Q4V7Z0

GenBank Nucleotide #	NM_001096000.1
NCBI Official Full Name	GPN-loop GTPase 3
NCBI Official Synonym Full Names	GPN-loop GTPase 3 L homeolog
NCBI Official Symbol	gpn3.L
NCBI Official Synonym Symbols	gpn3; atpbd1c
UniProt Protein Name	GPN-loop GTPase 3
UniProt Synonym Protein Names	ATP-binding domain 1 family member C
UniProt Gene Name	gpn3
NCBI Protein Information	GPN-loop GTPase 3
UniProt Comments for gpn3	Small GTPase required for proper localization of RNA polymerase II (RNAPII). May act at an RNAP assembly step prior to nuclear import.
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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