Protein PAT1 Homolog 1 (patl1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein PAT1 homolog 1 (patl1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Protein PAT1 homolog 1 (patl1), partial
Product Gene Name	patl1 recombinant protein
Product Synonym Gene Name	patl1
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	80,205 Da
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 Q32N92
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for patl1 recombinant protein	MBS1331293 is a recombinant protein targeting patl1. Also known as Recombinant Xenopus laevis Protein PAT1 homolog 1 (patl1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of patl1 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 patl1. It may not necessarily be applicable to this product.

NCBI GI #	1069372843
NCBI GeneID	443620
NCBI Accession #	XP_018081080.1
UniProt Primary Accession #	Q32N92
UniProt Secondary Accession #	Q4KLU5; Q6GPP2
UniProt Related Accession #	Q32N92
GenBank Nucleotide #	XM_018225591.1
NCBI Official Full Name	protein PAT1 homolog 1
NCBI Official Synonym Full Names	protein associated with topoisomerase II homolog 1 L homeolog

NCBI Official Symbol	patl1.L
NCBI Official Synonym Symbols	Pat1b; patl1; xPat1b
UniProt Protein Name	Protein PAT1 homolog 1
UniProt Synonym Protein Names	PAT1-like protein 1; Protein PAT1 homolog b; Pat1b; xPat1b
Protein Family	Patellin
UniProt Gene Name	patl1
UniProt Synonym Gene Names	Pat1b; xPat1b
NCBI Protein Information	protein PAT1 homolog 1
UniProt Comments for patl1	RNA-binding protein involved in deadenylation-dependent decapping of mRNAs, leading to the degradation of mRNAs. Acts as a scaffold protein that connects deadenylation and decapping machinery. Required for cytoplasmic mRNA processing body (P-body) assembly (). When tethered to a reporter mRNA, able to repress translation.
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