RNA-Binding Protein PNO1 (PNO1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA-binding protein PNO1 (Pno1), Recombinant Protein
Full Product Name	Recombinant Rat RNA-binding protein PNO1 (Pno1)
Product Gene Name	Pno1 recombinant protein
Product Synonym Gene Name	Pno1
Sequence	METQNTGTED GFTPVTHRGG RRAKKRQAEQ SSAAGQDGDA GRMDTEEARP AKRPVFPPLS GDQLLTGKEE TRKIPVPANR YTPLKENWMK IFTPIVEHLG LQIRFNLKSR NVEIRTCKDT KDVSALTKAA DFVKAFVLGF QVEDALALIR LDDLFLESFE ITDVKPLKGD HLSRAIGRIA GKGGKTKFTI ENVTRTRIVL ADVKVHILGS FQNIKMARTA ICNLILGNPP SKVYGNIRAV ASRSADRF
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	27,472 Da
Sequence Positions	1-248, 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 Q6VBQ8
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Pno1 recombinant protein	MBS1436481 is a recombinant protein targeting Pno1. Also known as Recombinant Rat RNA-binding protein PNO1 (Pno1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Pno1 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 Pno1. It may not necessarily be applicable to this product.

NCBI GI #	348041271
NCBI GeneID	289809
NCBI Accession #	NP_954514.2
UniProt Primary Accession #	Q6VBQ8
UniProt Related Accession #	Q6VBQ8

GenBank Nucleotide #	NM_199083.2
NCBI Official Full Name	RNA-binding protein PNO1
NCBI Official Synonym Full Names	partner of NOB1 homolog
NCBI Official Symbol	Pno1
UniProt Protein Name	RNA-binding protein PNO1
Protein Family	Pre-rRNA-processing protein
UniProt Gene Name	Pno1
NCBI Protein Information	RNA-binding protein PNO1
UniProt Comments for Pno1	Positively regulates dimethylation of two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA.
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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