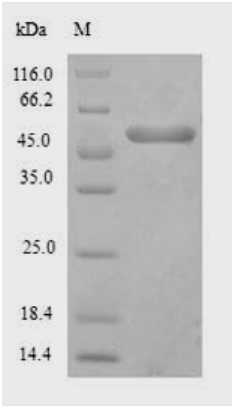
Exopolyphosphatase (PPX1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Exopolyphosphatase (PPX1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Exopolyphosphatase (PPX1)
Product Gene Name	PPX1 recombinant protein
Product Synonym Names	Metaphosphatase
Sequence	MSPLRKTVPE FLAHLKSLPI SKIASNDVLT ICVGNESADM DSIASAITYS YCQYIYNEGT YSEEKKKGSF IVPIIDIPRE DLSLRRDVMY VLEKLKIKEE ELFFIEDLKS LKQNVSQGTE LNSYLVDNND TPKNLKNYID NVVGIIDHHF DLQKHLDAEP RIVKVSGSCS SLVFNYWYEK LQGDREVVMN IAPLLMGAIL IDTSNMRRKV EESDKLAIER CQAVLSGAVN EVSAQGLEDS SEFYKEIKSR KNDIKGFSVS DILKKDYKQF NFQGKGHKGL EIGLSSIVKR MSWLFNEHGG EADFVNQCRR FQAERGLDVL VLLTSWRKAG DSHRELVILG DSNVVRELIE RVSDKLQLQL FGGNLDGGVA MFKQLNVEAT RKQVVPYLEE AYSNLEE
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 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	47.1 kDa
Sequence Positions	1-397aa; Full Length
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 P38698
Species	Saccharomyces cerevisiae (strain # 204508 / S288c) (Baker's yeast)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **technical support team** **or email to** **support@mybiosource.com** for more details.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PPX1 recombinant protein	MBS1021423 is a recombinant protein targeting PPX1. Also known as Recombinant Saccharomyces cerevisiae Exopolyphosphatase (PPX1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. Degradation of inorganic polyphosphates.
Product References and Citations for PPX1 recombinant protein	"The gene for a major exopolyphosphatase of Saccharomyces cerevisiae." Wurst H., Shiba T., Kornberg A. J. Bacteriol. 177:898-906(1995)
Other Notes	Small volumes of PPX1 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.



SDS-PAGE of PPX1 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPX1. It may not necessarily be applicable to this product.

NCBI GI #	6321995
NCBI GeneID	856608
NCBI Accession #	NP_012071.1
UniProt Primary Accession #	P38698
UniProt Secondary Accession #	D3DLF0
UniProt Related Accession #	P38698
GenBank Nucleotide #	NM_001179332.1
NCBI Official Full Name	Ppx1p
NCBI Official Symbol	PPX1
UniProt Protein Name	Exopolyphosphatase
UniProt Synonym Protein Names	Metaphosphatase
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	PPX1
UniProt Synonym Gene Names	ExopolyPase
UniProt Entry Name	PPX1_YEAST
NCBI Protein Information	Ppx1p
UniProt Comments for PPX1	Degradation of inorganic polyphosphates.
Research Articles on PPX1	**1.** PPX1 has restricted role in polyphosphate metabolism.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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