Peroxisomal Atpase Pex1 (pex1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peroxisomal ATPase pex1 (pex1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Peroxisomal ATPase pex1 (pex1), partial
Product Gene Name	pex1 recombinant protein
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	105,905 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 O74941
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pex1 recombinant protein	MBS1226192 is a recombinant protein targeting pex1. Also known as Recombinant Schizosaccharomyces pombe Peroxisomal ATPase pex1 (pex1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pex1 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 pex1. It may not necessarily be applicable to this product.

NCBI GI #	19075270
NCBI GeneID	2539405
NCBI Accession #	NP_587770.1
UniProt Primary Accession #	O74941
GenBank Nucleotide #	NM_001022763.2
NCBI Official Full Name	AAA family ATPase Pex1 (predicted)
NCBI Official Symbol	pex1
UniProt Protein Name	Peroxisomal ATPase pex1
UniProt Synonym Protein Names	Peroxin-1; Peroxisome biogenesis protein pex1
Protein Family	Peroxisomal ATPase

UniProt Gene Name	pex1
NCBI Protein Information	AAA family ATPase Pex1 (predicted)
UniProt Comments for pex1	Component of the peroxisomal protein import machinery. Together with pex6, mediates the ATP-dependent relocation and recycling of the peroxisomal targeting signal-1 (PTS1) import receptor pex5 from the peroxisomal membrane to the cytosol, where it is then available for another round of protein import into the organelle ().
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