ATP-Dependent DNA Helicase PIF1 (pif1) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent DNA helicase PIF1 (pif1), Recombinant Protein
Full Product Name	Recombinant Danio rerio ATP-dependent DNA helicase PIF1 (pif1), partial
Product Gene Name	pif1 recombinant protein
Product Synonym Gene Name	pif1
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	71,411 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 Q7ZV90
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pif1 recombinant protein	MBS1355885 is a recombinant protein targeting pif1. Also known as Recombinant Danio rerio ATP-dependent DNA helicase PIF1 (pif1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pif1 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 pif1. It may not necessarily be applicable to this product.

NCBI GI #	38488735
NCBI GeneID	326729
NCBI Accession #	NP_942102.1
UniProt Primary Accession #	Q7ZV90
UniProt Related Accession #	Q7ZV90
GenBank Nucleotide #	NM_198807.1
NCBI Official Full Name	ATP-dependent DNA helicase PIF1
NCBI Official Synonym Full Names	PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae)
NCBI Official Symbol	pif1

NCBI Official Synonym Symbols	cb934; fe11d03; zgc:56161; wu:fe11d03
UniProt Protein Name	ATP-dependent DNA helicase PIF1
UniProt Synonym Protein Names	DNA repair and recombination helicase PIF1
Protein Family	ATP-dependent DNA helicase
UniProt Gene Name	pif1
NCBI Protein Information	ATP-dependent DNA helicase PIF1
UniProt Comments for pif1	DNA-dependent ATPase and 5'-3' DNA helicase required for the maintenance of both mitochondrial and nuclear genome stability.
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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