Prefoldin Subunit 1 (pfdn1) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prefoldin subunit 1 (pfdn1), Recombinant Protein
Full Product Name	Recombinant Danio rerio Prefoldin subunit 1 (pfdn1)
Product Gene Name	pfdn1 recombinant protein
Product Synonym Gene Name	pfdn1
Sequence	MAAPVDLELK KAFAELQAKM VDTQQKVKLA DLQIEQLSRV KKHANLTHGE ITSLPESTRM FEGAGRMFIL QSKGEISNQL LEKQKTADDK IKELEQKKTY LERSVKDAED NIREMLMSRR AQ
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	13,987 Da
Sequence Positions	1-122, 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 Q5D016
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pfdn1 recombinant protein	MBS1315167 is a recombinant protein targeting pfdn1. Also known as Recombinant Danio rerio Prefoldin subunit 1 (pfdn1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pfdn1 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 pfdn1. It may not necessarily be applicable to this product.

NCBI GI #	61651844
NCBI GeneID	503766
NCBI Accession #	NP_001013362.1
UniProt Primary Accession #	Q5D016
UniProt Secondary Accession #	A7MCD8
UniProt Related Accession #	Q5D016

GenBank Nucleotide #	NM_001013344.1
NCBI Official Full Name	prefoldin subunit 1
NCBI Official Synonym Full Names	prefoldin subunit 1
NCBI Official Symbol	pfdn1
NCBI Official Synonym Symbols	zgc:110742
UniProt Protein Name	Prefoldin subunit 1
Protein Family	Prefoldin
UniProt Gene Name	pfdn1
NCBI Protein Information	prefoldin subunit 1
UniProt Comments for pfdn1	Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins ().
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