Protein Disulfide-Isomerase A5 (PDIA5) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein disulfide-isomerase A5 (Pdia5), Recombinant Protein
Full Product Name	Recombinant Mouse Protein disulfide-isomerase A5 (Pdia5)
Product Gene Name	Pdia5 recombinant protein
Product Synonym Gene Name	Pdia5
Sequence	TKVSSLIERI SDPKDLKKLL RTRNNVLVLY SESEVAAESH LKLLSTVAQA VKGQGTVCWV DCGDAESRKL CKKMKVDLSP KDKKIELFHY QDGAFHMQYD RAVTLKSIVA FLKDPKGPPL WEEDPGAKDV VHIDSEKDFR RLLKREEKPL LMMFYAPWCS MCKRIMPHFQ KAATQVRGHI VLAGMNVYPS EFENIKEEYN VRGYPTICYF EKGRFLFPYE NYGSTAEDIV EWLKNPLPPQ PQVPETPWAD EGGSVYHLTD EDFDQFVKEH SSVLVMFHAP WCGHCKKMKP EFESAAEVLH GDAESSGVLA AVDATVNEAL AGRFHISAFP TLKYFKNGEQ QAVPALRTKK KFIEWMQNPE APPPPEPTWE EQQTSVLHLV GDNFRDTLKK KKHTLVMFYA PWCPHCKKVI PHFTATADAF KEDRKIACAA VDCVKDKNQD LCQQEAVKAY PTFHYYHYGK LVEKYESDRT ELGFTSFIRT LREGDLKRLE KRREEL
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	59,267 Da
Sequence Positions	22-517, 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 Q921X9
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Pdia5 recombinant protein	MBS1348177 is a recombinant protein targeting Pdia5. Also known as Recombinant Mouse Protein disulfide-isomerase A5 (Pdia5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Pdia5 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 Pdia5. It may not necessarily be applicable to this product.

NCBI GI #	30794140
NCBI GeneID	72599
NCBI Accession #	NP_082571.1

UniProt Primary Accession #	Q921X9
UniProt Related Accession #	Q921X9
GenBank Nucleotide #	NM_028295.1
NCBI Official Full Name	protein disulfide-isomerase A5
NCBI Official Synonym Full Names	protein disulfide isomerase associated 5
NCBI Official Symbol	Pdia5
NCBI Official Synonym Symbols	Pdir; AU015525; 2700053F16Rik
UniProt Protein Name	Protein disulfide-isomerase A5
UniProt Synonym Protein Names	Protein disulfide isomerase-related protein
Protein Family	Protein disulfide-isomerase
UniProt Gene Name	Pdia5
UniProt Synonym Gene Names	Pdir
NCBI Protein Information	protein disulfide-isomerase A5
Research Articles on Pdia5	**1.** protein disulfide isomerase 5 is deregulated in the mucopolysaccharidoses, although the unfolded protein response is not activated
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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