Pentatricopeptide Repeat-Containing Protein 3, Mitochondrial (PTCD3) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pentatricopeptide repeat-containing protein 3, mitochondrial (PTCD3), Recombinant Protein
Full Product Name	Recombinant Human Pentatricopeptide repeat-containing protein 3, mitochondrial (PTCD3)
Product Gene Name	PTCD3 recombinant protein
Product Synonym Gene Name	PTCD3
Sequence	SGSATLSKVE GTDVTGIEEV VIPKKKTWDK VAVLQALAST VNRDTTAVPY VFQDDPYLMP ASSLESRSFL LAKKSGENVA KFIINSYPKY FQKDIAEPHI PCLMPEYFEP QIKDISEAAL KERIELRKVK ASVDMFDQLL QAGTTVSLET TNSLLDLLCY YGDQEPSTDY HFQQTGQSEA LEEENDETSR RKAGHQFGVT WRAKNNAERI FSLMPEKNEH SYCTMIRGMV KHRAYEQALN LYTELLNNRL HADVYTFNAL IEATVCAINE KFEEKWSKIL ELLRHMVAQK VKPNLQTFNT ILKCLRRFHV FARSPALQVL REMKAIGIEP SLATYHHIIR LFDQPGDPLK RSSFIIYDIM NELMGKRFSP KDPDDDKFFQ SAMSICSSLR DLELAYQVHG LLKTGDNWKF IGPDQHRNFY YSKFFDLICL MEQIDVTLKW YEDLIPSAYF PHSQTMIHLL QALDVANRLE VIPKIWKDSK EYGHTFRSDL REEILMLMAR DKHPPELQVA FADCAADIKS AYESQPIRQT AQDWPATSLN CIAILFLRAG RTQEAWKMLG LFRKHNKIPR SELLNELMDS AKVSNSPSQA IEVVELASAF SLPICEGLTQ RVMSDFAINQ EQKEALSNLT ALTSDSDTDS SSDSDSDTSE GK
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	31,863 Da
Sequence Positions	38-689, 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.
OMIM	614918
3D Structure	ModBase 3D Structure for Q96EY7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PTCD3 recombinant protein	MBS1441220 is a recombinant protein targeting PTCD3. Also known as Recombinant Human Pentatricopeptide repeat-containing protein 3, mitochondrial (PTCD3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PTCD3 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 PTCD3. It may not necessarily be applicable to this product.

NCBI GI #	38683855
NCBI GeneID	55037
NCBI Accession #	NP_060422.4
UniProt Primary Accession #	Q96EY7
UniProt Secondary Accession #	Q597H0; Q658Y9; Q9BUZ8; Q9NWL0; A6NHD2; D6W5M1
UniProt Related Accession #	Q96EY7
GenBank Nucleotide #	NM_017952.5
NCBI Official Full Name	pentatricopeptide repeat domain-containing protein 3, mitochondrial
NCBI Official Synonym Full Names	pentatricopeptide repeat domain 3
NCBI Official Symbol	PTCD3
NCBI Official Synonym Symbols	MRP-S39
UniProt Protein Name	Pentatricopeptide repeat domain-containing protein 3, mitochondrial
UniProt Synonym Protein Names	28S ribosomal protein S39, mitochondrial; MRP-S39; Mitochondrial small ribosomal subunit protein mS39
Protein Family	Pentatricopeptide repeat-containing protein
UniProt Gene Name	PTCD3
UniProt Synonym Gene Names	MRPS39; TRG-15
NCBI Protein Information	pentatricopeptide repeat domain-containing protein 3, mitochondrial
UniProt Comments for PTCD3	Mitochondrial RNA-binding protein that has a role in mitochondrial translation.
Research Articles on PTCD3	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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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