Pentatricopeptide Repeat-Containing Protein 2 (PTCD2) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pentatricopeptide repeat-containing protein 2 (PTCD2), Recombinant Protein
Full Product Name	Recombinant Bovine Pentatricopeptide repeat-containing protein 2 (PTCD2)
Product Gene Name	PTCD2 recombinant protein
Product Synonym Gene Name	PTCD2
Sequence	MAATLRPPKQ VLLLHALRSL VYHWVGGSGS TCCLCPLGAK RYLLTDSIVK LKEFQRKKVA VACNLPGTKE TYLRNLEEKL TQNKLILKEE LRTLLHLCTS RDDVELAKHV IYRYHAENRN ITLGEYKFGP LFVRLCYELD LEDSAVELIK DQHLQGFFSD STSFNILMDM LFIKGKYRSA LEVLIQMKNQ DLKFNKDTYV LAFAICYKLN SPESFQICTT LREEALIKGE ILPRRASCFA VALALNQNQV AKAISIFSQI MNPESIICTN LNIMIHIQSN MLKTLIDILK DATEGNLSRF VKRHVFSEEV LVKVREKVKD VPALLAEFDE LNKKLHRSGQ VTAYTLDALL CHTPSDRQSY TVLLNKRTVS RRTFQPLSQS LWAE
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	43,945 Da
Sequence Positions	1-384, 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 Q3SZ55
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PTCD2 recombinant protein	MBS1353140 is a recombinant protein targeting PTCD2. Also known as Recombinant Bovine Pentatricopeptide repeat-containing protein 2 (PTCD2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PTCD2 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 PTCD2. It may not necessarily be applicable to this product.

NCBI GI #	78369312
NCBI GeneID	514705
NCBI Accession #	NP_001030375.1
UniProt Primary Accession #	Q3SZ55

UniProt Related Accession #	Q3SZ55
GenBank Nucleotide #	NM_001035298.2
NCBI Official Full Name	pentatricopeptide repeat-containing protein 2, mitochondrial
NCBI Official Synonym Full Names	pentatricopeptide repeat domain 2
NCBI Official Symbol	PTCD2
UniProt Protein Name	Pentatricopeptide repeat-containing protein 2, mitochondrial
UniProt Gene Name	PTCD2
NCBI Protein Information	pentatricopeptide repeat-containing protein 2, mitochondrial
UniProt Comments for PTCD2	Involved in mitochondrial RNA maturation and mitochondrial respiratory chain function.
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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