Phosphatidylethanolamine N-Methyltransferase 2 (CHO2-2) Vanderwaltozyma Polyspora Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphatidylethanolamine N-methyltransferase 2 (CHO2-2), Recombinant Protein
Full Product Name	Recombinant Vanderwaltozyma polyspora Phosphatidylethanolamine N-methyltransferase 2 (CHO2-2), partial
Product Gene Name	CHO2-2 recombinant protein
Sequence	MSVNYSETIC SFQDTAINNI GTGKKYQTMA HTRSSNIRFV PAVTHDMVRS LFDPTIKKSF LECCITLSIF ANFGLCYLFN LKFGQSLTKV FYLFQYILWR LSYNLGIGIL LHYQSKNESL TSFAKLNKLF DKKSTSKLAK FCQFEISTKM ANDYNMHNYP EEFNIWLLFR QFVDLILMQD FTTYILFVYC SLPSEGIDFK NWRILVGTSM ILFNIWVKVD AHRVVKDYAW YWGDFFFLQD SELTFDGVFN ISPHPMYSIG YLGYYGISLI CGDYKVLLIS IWGHILQFLF LKYVENPHIE EIYGSESDTN QLSNSYIDDL IVKENYDYSR PLISTGLRWK HYDLLRFSDH FTILSILAVV LIAIKTKPTE KALFIITITA KIFSASFTSY ILFKQSKDKW FTKIFLKNGY TQIYCYQQWQ FIYNYSFVLP TTLLILQTTS KIYNLYPNIE YTQIIFGGIL CAIQMWCNSE IRAAISDFGW FYGDFFLINY ISERRLTSQG IYRYLNNPEA ILGTAGIWGT ALMTNFCYEN IILAIIWTST NFIFVKFIEK PHVSKIYGNE TRISGVGKTL QGLKPLRMIY DIFDDIGSLF LRNLIASNKH ALNHSAASPL HLEFSIQEAL ENANAKLAPN CKFNLEPKPN DEYVLPESIK ISWQLPIELY NNRDWIGLYN VLDTRTNRYR TKVSSSGHWC GTSREGYKSD KQNTMAIKEF HKNSKVVKGV VVFDYNLLIF EPGIYEVRYH SNGGHNVIMS SQPFQIKFPK FEITDQEILH SNLVNFLTKV NSINDGKFVE NGSKYFNTRT FSCLLKKSTG IDISIEFIKK VSGDLKIISH RLCEIKKILD SLD
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	97,906 Da
Sequence Positions	1-843
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 A7TLA7
Species	Vanderwaltozyma polyspora (strain 22028 / DSM 70294) (Kluyveromyces polysporus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CHO2-2 recombinant protein	MBS1223402 is a recombinant protein targeting CHO2-2. Also known as Recombinant Vanderwaltozyma polyspora Phosphatidylethanolamine N-methyltransferase 2 (CHO2-2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CHO2-2 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 CHO2-2. It may not necessarily be applicable to this product.

NCBI GI #	156843546
NCBI GeneID	5545168
NCBI Accession #	XP_001644840.1
UniProt Primary Accession #	A7TLA7
GenBank Nucleotide #	XM_001644790.1
NCBI Official Full Name	hypothetical protein Kpol_1041p40
NCBI Official Symbol	Kpol_1041p40
UniProt Protein Name	Phosphatidylethanolamine N-methyltransferase 2
Protein Family	Phosphatidylethanolamine N-methyltransferase
UniProt Gene Name	CHO2-2
UniProt Synonym Gene Names	PE methyltransferase 2; PEAMT 2; PEMT 2
NCBI Protein Information	hypothetical protein
UniProt Comments for CHO2-2	Catalyzes the first step of the methylation pathway of phosphatidylcholine biosynthesis, the SAM-dependent methylation of phosphatidylethanolamine (PE) to phosphatidylmonomethylethanolamine (PMME).
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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