Methenyltetrahydromethanopterin Cyclohydrolase (mch) Rhodopirellula Baltica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methenyltetrahydromethanopterin cyclohydrolase (mch), Recombinant Protein
Full Product Name	Recombinant Rhodopirellula baltica Methenyltetrahydromethanopterin cyclohydrolase (mch)
Product Gene Name	mch recombinant protein
Product Synonym Gene Name	mch
Sequence	MKSATPDDLP RTGVEPDLSR SASECFESLW NGAIGMRSLP LTIAGARVLD AGVTCSGSLE AGLGLARLCL GDLANVRYVP ATADDLVGLS VTIQTDHPVL SCLGGQYAGW PVSVADYFAM ASGPMRCLRG KEAMLEQLHL SRQATDDDFA VGVLESDTLP GEDVIEAMAD ECGVDPSRLC LAVAPSTSIA GSAQVVSRSV ETALHKLHAL EFDVTRVVSA HGDAPLPPPA KKGDTIGGIG RTNDAMLYGA RVTLWVDAED DAIDSVASKV PSQSSDDHGR PFAEIFKQYE YDFYQVDPML FSPAVVTIHS LQSGRTWRHG QISIDVMRKS FGL
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	35,408 Da
Sequence Positions	1-333, 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 Q7UPS1
Species	Rhodopirellula baltica (strain SH1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mch recombinant protein	MBS1334473 is a recombinant protein targeting mch. Also known as Recombinant Rhodopirellula baltica Methenyltetrahydromethanopterin cyclohydrolase (mch). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mch 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 mch. It may not necessarily be applicable to this product.

NCBI GI #	32474450
NCBI GeneID	1792000
NCBI Accession #	NP_867444.1
UniProt Primary Accession #	Q7UPS1

UniProt Related Accession #	Q7UPS1
GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	N(5),N(10)-methenyltetrahydromethanopterin cyclohydrolase
NCBI Official Symbol	mch
UniProt Protein Name	Methenyltetrahydromethanopterin cyclohydrolase
UniProt Synonym Protein Names	Methenyl-H4MPT cyclohydrolase
Protein Family	Beta-methylmalyl-CoA dehydratase
UniProt Gene Name	mch
NCBI Protein Information	N(5),N(10)-methenyltetrahydromethanopterin cyclohydrolase
UniProt Comments for mch	Catalyzes the hydrolysis of methenyl-H4MPT+ to 5-formyl-H4MPT.
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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