Protein-L-Isoaspartate O-Methyltransferase (pcm) Desulfovibrio Desulfuricans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein-L-isoaspartate O-methyltransferase (pcm), Recombinant Protein
Full Product Name	Recombinant Desulfovibrio desulfuricans Protein-L-isoaspartate O-methyltransferase (pcm)
Product Gene Name	pcm recombinant protein
Product Synonym Gene Name	pcm
Sequence	MIDKRRSRER MVREQLTARG ITDPAVLAAM RKIPRHLFVQ EALQAQAYED HPLPIGYGQT ISQPFIVALM SQILRVTPGM RVLEIGTGSG YQAAVLAEMG AEVYTVERIA GLQAHARGLL RRLGYARIRT KLDDGTMGWP LAAPFDRIIV TAGGPGIPEP LAEQLADPGT MAIPVGASRR EQELYLMHKN DGALSYENYG KVAFVDLVGN HGW
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	23,402 Da
Sequence Positions	1-213, 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 Q30ZM2
Species	Desulfovibrio desulfuricans (strain G20)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pcm recombinant protein	MBS1385535 is a recombinant protein targeting pcm. Also known as Recombinant Desulfovibrio desulfuricans Protein-L-isoaspartate O-methyltransferase (pcm). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pcm 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 pcm. It may not necessarily be applicable to this product.

NCBI GI #	499687245
NCBI Accession #	WP_011367979.1
UniProt Primary Accession #	Q30ZM2
GenBank Nucleotide #	WP_011367979.1
NCBI Official Full Name	protein-L-isoaspartate O-methyltransferase

UniProt Protein Name	Protein-L-isoaspartate O-methyltransferase
UniProt Synonym Protein Names	L-isoaspartyl protein carboxyl methyltransferase
Protein Family	Protein-L-isoaspartate O-methyltransferase
UniProt Gene Name	pcm
UniProt Synonym Gene Names	PIMT
UniProt Comments for pcm	Catalyzes the methyl esterification of L-isoaspartyl residues in peptides and proteins that result from spontaneous decomposition of normal L-aspartyl and L-asparaginyl residues. It plays a role in the repair and/or degradation of damaged proteins.
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