

Protein-L-Isoaspartate O-Methyltransferase Recombinant Protein | PCMT1 recombinant protein

Recombinant Human Protein-L-Isoaspartate O-Methyltransferase

CATALOG #

AAA38815

HOST

Escherichia Coli

PRODUCT SYNONYMS

Protein-L-Isoaspartate O-Methyltransferase; Recombinant Human Protein-L-Isoaspartate O-Methyltransferase; PCMT1 Human; Protein-L-Isoaspartate O-Methyltransferase Human Recombinant; EC 2.1.1.77; PIMT; PCMT1; Protein-beta-aspartate methyltransferase; Protein L-isoaspartyl/D-aspartyl methyltransferase; L-isoaspartyl protein carboxyl methyltransferase; PCMT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered colorless solution; 1mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, & 10% glycerol.
Sequence	<u>RGSHHHH HHGMASMTGG QQMGRDLYDD DDKDRWGS u>MAWKSGGA SHSELIHNLR KNGIIKTDKV</u> <u>FEVMLATDRS HYAKCNPYMD SPQSIGFQAT ISAPMHAYA LELLFDQLHE GAKALDVGSG SGILTACFAR</u> <u>MVGCTGKVIG IDHIKELVDD SINNVKDDP TLLSSGRVQL VVGDRMGYA EEAPYDAIHV GAAAPVVPQA</u> <u>LIDQLKPGGR LILPVG PAGG NQMLEQYDKL QDGSIMKPL MGVIYVPLTD KEQWSRWK</u>
Sequence Length	286
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PCMT1 recombinant protein	PCMT1 Recombinant Human produced in E Coli is a single, non-glycosylated polypeptide chain containing 263 amino acids (1-227 a.a.) and having a molecular mass of 28.8 kDa. The PCMT1 is fused to 36 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for PCMT1 recombinant protein	Enzymes; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	354983493
NCBI GeneID	5110
NCBI Accession #	NP_001238978.1
NCBI GenBank Nucleotide #	NM_001252049.1
UniProt Accession #	P22061; Q14661; Q16556; Q5VYC1; Q5VYC2; Q93061; Q96I19; Q99625; Q9BQV7; Q9BQV8; A8K109; J3KP72
NCBI Official Full Name	protein-L-isoaspartate(D-aspartate) O-methyltransferase isoform 2
NCBI Official Synonym Full Names	protein-L-isoaspartate (D-aspartate) O-methyltransferase
NCBI Official Symbol	PCMT1

NCBI Official Synonym Symbols	PIMT
NCBI Protein Information	protein-L-isoaspartate(D-aspartate) O-methyltransferase; protein-L-isoaspartate(D-aspartate) O-methyltransferase; L-isoaspartyl protein carboxyl methyltransferase; protein L-isoaspartyl/D-aspartyl methyltransferase; protein-beta-aspartate methyltransferase
UniProt Protein Name	Protein-L-isoaspartate(D-aspartate) O-methyltransferase
UniProt Gene Name	PCMT1
UniProt Synonym Gene Names	PIMT
UniProt Entry Name	PIMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pcmt1-recombinant-protein-escherichia-coli/38815>