

Recombinant Human PCMT1 protein, GST-tagged

Cat. No. PCMT1-8555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCMT1 protein(1-227 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-227 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAWKSGGASHSELIHNLRKNGIIKTDKVFVEMLATDRSHYAKCNPYMDSPQSIGFQA TISAPMHAYALELLFDQLHEGAKALDVGSGSGILTACFARMVGCTGKVIGIDHIKEL VDDSINNVRKDDPTLLSSGRVQLVVG DGRMGYAE EAPYDAIHVGAAAPVVPQALID QLKPGGRLILPVG PAGGNQM LEQYDKLQDGS IKMKPLMGVIYVPLTDKEKQWSRW K
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [PCMT1 protein-L-isoaspartate \(D-aspartate\) O-methyltransferase \[Homo sapiens \]](#)

Official Symbol [PCMT1](#)

Synonyms

PCMT1; protein-L-isoaspartate (D-aspartate) O-methyltransferase; protein-L-isoaspartate(D-aspartate) O-methyltransferase; protein-beta-aspartate methyltransferase; L-isoaspartyl protein carboxyl methyltransferase; protein L-isoaspartyl/D-aspartyl methyltransferase; PIMT;

Gene ID [5110](#)

mRNA Refseq [NM_001252049](#)

Protein Refseq [NP_001238978](#)

MIM [176851](#)

UniProt ID [P22061](#)

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