Recombinant Human PCMT1 protein, GST-tagged

Cat. No. PCMT1-194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCMT1(2-end) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-end
Description	PCMT1 is a member of the L-isoaspartyl/D-aspartyl protein methyltransferase family, which plays an important role in protein repair. Downregulation of PCMT1 leads to hyperactivation of MAPK pathway upon EGF stimulation. PCMT1 is regulated by cell-matrix interactions, and linked to various biological processes including wound healing, cell migration, and tumor metastasis.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	51 kDa
Purity	>95%
Applications	Methyltransferase Assay
Stability	1 year at -70 centigrade from the date of shipment

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1μg/μl

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 methyltr
Gene ID	5110
mRNA Refseq	NM_001252049
Protein Refseq	NP_001238978
MIM	176851
UniProt ID	P22061
Chromosome Location	6q22.3-q24
Function	protein-L-isoaspartate (D-aspartate) O-methyltransferase activity; transferase activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA