

## Protein-L-Isoaspartate O-Methyltransferase Human Recombinant

<b>Item Number</b>	rAP-1993
<b>Synonyms</b>	EC 2.1.1.77, PIMT, PCMT1, Protein-beta-aspartate methyltransferase, Protein L-isoaspartyl/D-aspartyl methyltransferase, L-isoaspartyl protein carboxyl methyltransferase.
<b>Description</b>	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 a 36 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P22061
<b>Amino Acid Sequence</b>	RGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAWK SGGASHSELI HNLKNGIIK TDKVFE-VMLA TDRSHYAKCN PYMDSPQSIG FQATISAPHM HAYALELLFD QLHEGAKALD VSGSGILTA CFARMVGCTG KVIIDHIKE LVDDSIINNVR KDDPTLLSSG RVQLVVDGDR MGYAEEAPYD AIHVGAAAPV VPQALIDQLK PGGRLILPVG PAGGNQMLEQ YDKLQDGSIK MKPLMGVIYV PLT-DKEKQWS RWK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.
<b>Formulation and Purity</b>	PCMT1 Human solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**