

32-2647: PCMT1 Recombinant Protein

Alternative Name EC 2.1.1.77,PIMT,PCMT1,Protein-beta-aspartate methyltransferase,Protein L-isoaspartyl/D-aspartyl methyltransferase,L-isoaspartyl protein carboxyl methyltransferase.

Description

Source : Escherichia Coli. 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. PCMT1 enzyme catalyses the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous decomposition of normal L-aspartyl and L-asparaginyl residues. PCMT1 is involved in the repair and/or degradation of damaged proteins.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PCMT1 Human solution containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.
Storage condition :	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.
Amino Acid :	RGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAWK SGGASHSELI HNLKNGIIK TDKVFVEMLA TDRSHYAKCN PYMDSPQSIG FQATISAPHM HAYALELLFD QLHEGAKALD VGSGSGILTA CFARMVGCTG KVIDIDHIKE LVDDSSINNVK KDDPTLLSSG RVQLVVG DGR MGYAEEAPYD AIHVGAAAPV VPQALIDQLK PGGRLILPVG PAGGNQM LEQ YDKLQDGSIK MKPLMGVIYV PLTDKEKQWS RWK.