

Protein-L-Isoaspartate O-Methyltransferase 1 Human Recombinant

Item Number	rAP-4091
Synonyms	Protein-L-isoaspartate O-methyltransferase domain-containing protein 1, PCMTD1.
Description	PCMTD1 Human Recombinant produced in E. coli is a single polypeptide chain containing 243 amino acids (1-220) and having a molecular mass of 27kDa. PCMTD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96MG8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGGAVSA GEDNDDLIDN LKEAQYIRTE RVEQAFRAID RGDYYLEGYR DNAYKDLAWK HGNIHLSAPC IYSEVMEALK LQPGLSFLNL GSGTGYLSTM VGLILGPFGI NHGIELHSDV VEYAKEKLES FIKNSDSFDK FEFCEPAFVV GNCLQIASDS HQYDRIYCGA GVQKDHENYM KILLKVGIL VMPIEDQLTQ IMRTGQNTWE SKNILAVSFA PLV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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.
Formulation and Purity	The PCMTD1 solution (0.25mg/ml) contains 20mM Tris-HCl (pH8.0), 20% glycerol, 0.15M NaCl and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**