

Protein Phosphatase Methylesterase 1 Human Recombinant

Item Number	rAP-1089
Synonyms	Protein phosphatase methylesterase 1, PME-1, FLJ22226, EC 3.1.1.
Description	PPME1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 406 amino acids (1-386) and having a molecular mass of 44.4 kDa. The PPME1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9Y570
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSALEKSMHL GRLPSRPPPLP GSIGGSQSGAK MRMGPGRKRD FSPVPWSQYF ESMEDVEVEN ETGKDTRVY KSGSEGPVLL LHGGGHSAL SWAVFTAAII SRV- QCRIVAL DLRSHGETKV KNPEDLSAET MAKDVGTVVE AMYGDLPPI MLIGHSMGGA IAVHTASSNL VPSLLGLCMI DVVEGTAMDA LNSMQNFLRG RPKTFKSLEN AIEWSVKSGQ IRNLESARVS MVGQVKQCEG ITSPEGSKSI VEGIIEEEE DEEGSESISK RKKEDDMETK KDHPYTWRIE LAK- TEKYWDG WFRGLSNLFL SCPIPKLLLL AGVDRLDKDL TIGQMKGKFQ MQVLPQCGHA VHEDAPDKVA EAVATFLIRH RFAEPIGGFQ CVFPGC
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The PPME1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol. 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**