
Product Data Sheet

Product Name: PCMTD1 Human
 Cat. No.: GP24136
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein-L-isoaspartate O-methyltransferase domain-containing protein 1; PCMTD1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGGAVSA GEDNDDLIDN LKEAQYIRTE RVEQAFRAID RGDYYLEGYR DNAYKDLAWK HGNIHLSAPC IYSEVMEALK LQPGLSFLNL GSGTGYLSTM VGLILGPFGI NHGIELHSDV VEYAKEKLES FIKNSDSFDK FEFCEPAFVV GNCLQIASDS HQYDRIYCGA GVQKDHENYM KILLKVGIL VMPIEDQLTQ IMRTGQNTWE SKNILAVSFA PLV.		
Formulation	The PCMTD1 solution (0.25mg/ml) contains 20mM Tris-HCl (pH8.0), 20% glycerol, 0.15M NaCl and 1mM DTT.		

Introduction

Protein-L-Isoaspartate O-Methyltransferase 1, also known as PCMTD1, is a part of the methyltransferase superfamily and is situated in the cytoplasm.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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