

Active Recombinant Human PTPMT1 protein, His-tagged

Cat. No. PTPMT1-2547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PTPMT1 protein(Q8WUK0-1) (Lys 28-Thr 201) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	28-201 aa
Form	Lyophilized from sterile PBS, 10% glycerol, 1mM DTT, pH 7.5.
Bio-activity	Measured by its ability to cleave pNPP. The specific activity is >200 pmoles/min/μg.
Molecular Mass	The recombinant human PTPMT1 consisting of 190 amino acids and has a calculated molecular mass of 21.7 kDa. It migrates as an 20 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name PTPMT1 protein tyrosine phosphatase, mitochondrial 1 [Homo sapiens]

Official Symbol PTPMT1

Synonyms PTPMT1; protein tyrosine phosphatase, mitochondrial 1; protein-tyrosine phosphatase mitochondrial 1; DUSP23; MOSP; PLIP; PTEN-like phosphatase; phosphoinositide lipid phosphatase; NB4 apoptosis/differentiation related protein; PNAS-129; FLJ46081;

Gene ID 114971

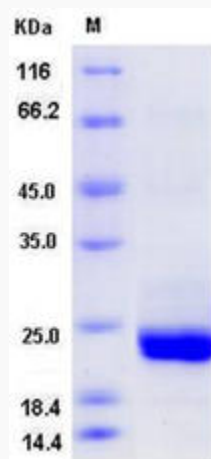
mRNA Refseq NM_001143984

Protein Refseq NP_001137456

MIM 609538

UniProt ID Q8WUK0

SDS-PAGE



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