

Recombinant Human protein phosphatase, Mg²⁺/Mn²⁺ dependent, 1B Protein, His-tagged

Cat. No. PPM1B-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1B Protein (1-378aa) with C-His-tag was expressed HEK293.
Species	Human
Source	HEK293
ProteinLength	1-378aa
Description	Phosphoglucomutase-1 (PGM1) is an evolutionarily conserved enzyme that belongs to the phosphohexose mutase family. It is the major isoform of PGM in skeletal muscle and most other tissues. The PGM1 gene is mapped to human chromosome 1p31.3.
Tag	C-His
Molecular Mass	43 kDa
AA Sequence	MGAFLDKPKTEKHNAHGAGNGLRYGLSSMQGWRVEMEDAHTAVVGIPHGLEDWS FFAVYDGHAGSRVANYCSTHLLIHITTNEDFRAAGKSGSALELSVENVKNIGRTGFL KIDEYMRNFSDLRNGMDRSGSTAVGVMISPKHIYFINGDSRAVLYRNGQVCFSTQ DHKPCNPREKERIQNAGGSVMIQVRNGSLAVSRALGDYDYKCVDGKGPTQLVSP EPEVYEILRAEEDEFIILACDGIWDVMSNEELCEYVKSRLEVSDDLNVNWWVDTCL HKGSRDNMSIVLVCFSNAPKVSDEAVKKDSELDKHLESRVVEIMEKSGEEGMPDLA

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	HVMRILSAENIPNLPPGGGLAGKRNVEAVYSRLNPHRES DGHHHHHHHH
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA
Storage Buffer	Sterile PBS, pH7.4

GENE INFORMATION

Gene Name	PPM1B protein phosphatase, Mg2+/Mn2+ dependent, 1B [Homo sapiens (human)]
Official Symbol	PPM1B
Synonyms	PPM1B; protein phosphatase, Mg2+/Mn2+ dependent, 1B; protein phosphatase 1B (formerly 2C), magnesium dependent, beta isoform; protein phosphatase 1B; PP2CB; PP2CBETA; PPC2BETAX; protein phosphatase 2C; beta isoform; PP2C-beta; protein phosphatase 2C isoform beta; protein phosphatase 2C-like protein; protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform; PP2C-beta-X; MGC21657
Gene ID	5495
mRNA Refseq	NM_001033556
Protein Refseq	NP_001028728

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MIM	603770
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UniProt ID	O75688
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