Recombinant Human PPM1K Protein, DYKDDDDK-tagged

Cat. No. PPM1K-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens protein phosphatase, Mg2+/Mn2+ dependent 1K (PPM1K) (NM_152542), with a DYKDDDDK tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a member of the PPM family of Mn2+/Mg2+-dependent protein phosphatases. The encoded protein, essential for cell survival and development, is targeted to the mitochondria where it plays a key role in regulation of the mitochondrial permeability transition pore.
Molecular Mass	40.8 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 90 % by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any preservatives

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GENE INFORMATION

Gene Name	PPM1K protein phosphatase, Mg2+/Mn2+ dependent 1K [Homo sapiens (human)]
Official Symbol	PPM1K
Synonyms	PPM1K; protein phosphatase, Mg2+/Mn2+ dependent 1K; BDP; PTMP; PP2Cm; MSUDMV; PP2Ckappa; UG0882E07; protein phosphatase 1K, mitochondrial; PP2C domain-containing protein phosphatase 1K; PP2C-kappa; PP2C-type mitochondrial phosphoprotein phosphatase; branched-chain I+/--ketoacid dehydrogenase phosphatase; branched-chain alpha-ketoacid dehydrogenase phosphatase; protein phosphatase 2C kappa; EC 3.1.3.16
Gene ID	152926
mRNA Refseq	NM_152542
Protein Refseq	NP_689755
MIM	611065
UniProt ID	Q8N3J5

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