

Product datasheet for **TP329866M**

MINPP1 (NM_001178117) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Homo sapiens multiple inositol-polyphosphate phosphatase 1 (MINPP1), transcript variant 2, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC229866 representing NM_001178117
Red=Cloning site **Green**=Tags(s)

MLRAPGCLLRTSVAPAAALAAALLSSLARCSLLEPRDPVASSLSPYFGTKTRYEDVNPVLLSGPEAPWRD
PELEGTCTPVQLVALIRHGTRYPTVKQIRKLRQLHGLLQARGSRDGGASSTGSRDLGAALADWPLWYAD
WMDGQLVEKGRQDMRQLALRLASLFPALFSRENYGRLRLITSSKHRCMDSSAAFQGLWQHYHPGLPPPD
VADMEFGPPTVNDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTPPEMQNILKKVAATLQVPVNDLNAGL
SQFLQSSSSLVMQRLFFHCFLSWATSKTRNP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 35.1
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_001171588](#)
Locus ID: 9562



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UniProt ID: [Q9UNW1](#)

Cytogenetics: 10q23.2

RefSeq ORF: 936

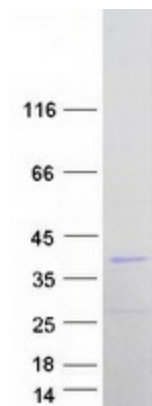
Synonyms: HIPER1; MINPP2; MIPP

Summary: This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3-bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate; an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway.[provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome

Protein Pathways: Inositol phosphate metabolism

Product images:



Coomassie blue staining of purified MINPP1 protein (Cat# [TP329866]). The protein was produced from HEK293T cells transfected with MINPP1 cDNA clone (Cat# [RC229866]) using MegaTran 2.0 (Cat# [TT210002]).