

## Product datasheet for **TP329866L**

### **MINPP1 (NM\_001178117) Human Recombinant Protein**

#### **Product data:**

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

MLRAPGCLLRTSVAPAAALAAALLSSLARCSLLEPRDPVASSLSPYFGTKTRYEDVNPVLLSGPEAPWRD  
PELEGTCTPVQLVALIRHGTRYPTVKQIRKLRQLHGLLQARGSRDGGASSTGSRDLGAALADWPLWYAD  
WMDGQLVEKGRQDMRQLALRLASLFPALFSRENYGRLRLITSSKHRCMDSSAAFQGLWQHYHPGLPPPD  
VADMEFGPPTVNDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTPPEMQNILKKVAATLQVPVNDLNAGL  
SQFLQSSSSLVMQRLFFHCFLSWATSKTRNP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

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



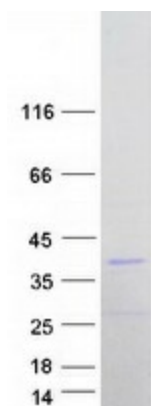
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UniProt ID: [Q9UNW1](#)  
Cytogenetics: 10q23.2  
RefSeq ORF: 936  
Synonyms: HIPER1; MINPP2; MIPP

**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]).