

Product datasheet for TP307581

MINPP1 (NM_004897) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human multiple inositol polyphosphate histidine phosphatase, 1 (MINPP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207581 representing NM_004897 Red=Cloning site Green=Tags(s)

MLRAPGCLLRTSVAPAAALAAALLSSLARCSLLEPRDPVASSLSPYFGTKTRYEDVNPVLLSGPEAPWRD
PELLEGTCTPVQLVALIRHGTRYPTVKQIRKLRQLHGLLQARGSRDGGASSTGSRDLGAALADWPLWYAD
WMDGQLVEKGRQDMRQLALRLASLFPALFSRENYGRLRLITSSKHRCMDSSAAFLQGLWQHYPGLPPPD
VADMEFGPPTVNDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTPPEMQNILKKAATLQVPVNDLNADL
IQVAFFTCFSLAIKGVKSPWCDVFDIDDAKVLEYLNDLKQYWKRGYGTINSRSSCTLFQDIFQHLDKA
VEQKQRSQPISSPVILQFGHAETLLPLLMLMGYFKDKEPLTAYNYKKQMHRKFRSGLIVPYASNLIFVLY
HCENAKTPKEQFRVQMLLNEKVLPLAYSQETVSFYEDLKNHYKDILQSCQTSEECELARANSTSEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.9 kDa
Concentration:	>0.1 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:	Recombinant protein 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.



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RefSeq: [NP_004888](#)

Locus ID: 9562

UniProt ID: [Q9UNW1](#)

RefSeq Size: 2412

Cytogenetics: 10q23.2

RefSeq ORF: 1461

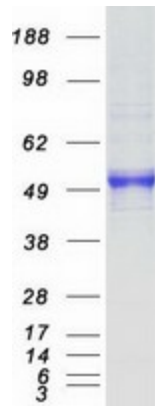
Synonyms: HIPER1; MINPP2; MIPP

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# TP307581). The protein was produced from HEK293T cells transfected with MINPP1 cDNA clone (Cat# [RC207581]) using MegaTran 2.0 (Cat# [TT210002]).