

## Product datasheet for **TP720678**

### **MINPP1 (NM\_004897) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human multiple inositol-polyphosphate phosphatase 1 (MINPP1), transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Ser31-Leu487
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	53.14 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_004888</a>
<b>Locus ID:</b>	9562
<b>UniProt ID:</b>	<a href="#">Q9UNW1</a>
<b>RefSeq Size:</b>	2412
<b>Cytogenetics:</b>	10q23.2
<b>RefSeq ORF:</b>	1461
<b>Synonyms:</b>	HIPER1; MINPP2; MIPP



[View online »](#)

<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Inositol phosphate metabolism