

Product datasheet for **TP720678XL**

MINPP1 (NM_004897) Human Recombinant Protein

Product data:

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



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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