

## Multiple inositol polyphosphate phosphatase 1

Catalog No: #AP78926

Package Size: #AP78926-1 50ug #AP78926-2 100ug #AP78926-3 1mg

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## Description

Product Name	Multiple inositol polyphosphate phosphatase 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	UNQ900/PRO1917,MIPP,3.1.3.80,2,3-bisphosphoglycerate 3-phosphatase,Inositol (1,3,4,5)-tetrakisphosphate 3-phosphatase,2,3-BPG phosphatase,Ins(1,3,4,5)P(4) 3-phosphatase
Accession No.	Q9UNW1Gene name:MINPP1
Uniprot	Q9UNW1
GeneID	9562;
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Acts as a phosphoinositide 5- and phosphoinositide 6-phosphatase and regulates cellular levels of inositol pentakisphosphate (InsP5) and inositol hexakisphosphate (InsP6). Also acts as a 2,3-bisphosphoglycerate 3-phosphatase, by mediating the dephosphorylation of 2,3-bisphosphoglycerate (2,3-BPG) to produce phospho-D-glycerate without formation of 3-phosphoglycerate. May play a role in bone development (endochondral ossification). May play a role in the transition of chondrocytes from proliferation to hypertrophy.

## References

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Note: This product is for in vitro research use only