

Recombinant Human MINPP1 Protein, DDK-tagged

Cat. No. MINPP1-548H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MINPP1, transcript variant 1, fused with DDK tag at C-terminal was expressed in Sf9 cells.
Species	Human
Source	Sf9 Cells
Description	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.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	54.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MINPP1 multiple inositol-polyphosphate phosphatase 1 [Homo sapiens]
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Official Symbol	MINPP1
Synonyms	MINPP1; multiple inositol-polyphosphate phosphatase 1; multiple inositol polyphosphate histidine phosphatase, 1; multiple inositol polyphosphate phosphatase 1; MIPP; ins(1,3,4,5)P(4) 3-phosphatase; multiple inositol polyphosphate phosphatase 2; inositol (1,3,4,5)-tetrakisphosphate 3-phosphatase; HIPER1; MINPP2; DKFZp564L2016;
Gene ID	9562
mRNA Refseq	NM_001178117
Protein Refseq	NP_001171588
MIM	605391
UniProt ID	Q9UNW1

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