

Recombinant Human MINPP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1963	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MINPP1 Protein is produced by our Mammalian expression system and the target gene encoding Ser31-Leu487 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μ M filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.		
Gene Symbol	MINPP1		
Alternative Names	MIPP; Multiple inositol polyphosphate phosphatase 1; 2,3-bisphosphoglycerate 3-phosphatase; 2,3-BPG phosphatase; Inositol (1,3,4,5)-tetrakisphosphate 3-phosphatase; Ins(1,3,4,5)P(4) 3-phosphatase		
Entrez Gene	9562 (Human)		
SwissProt	Q9UNW1 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>SLLEPRDPVA SSSLSPYFGTK TRYEDVNPVL LSGPEAPWRD PELLEGCTCTP VQLVALIRHG</p> <p>TRYPTVKQIR KLRQLHGLLQ ARGSRDGGAS STGSRDLGAA LADWPLWYAD</p> <p>WMDGQLVEKG RQDMRQLALR LASLFPALFS RENYGRRLRI TSSKHRCMDS SAAFLOGLWQ</p> <p>HYHPGLPPPD VADMEFGPPT VNDKLMRFFD HCEKFLTEVE KNATALYHVE AFKTGPEMQN</p> <p>ILKKVAATLQ VPVNDLNADL IQVAFFTCSE DLAIKGVKSP WCDVFDIDDA KVLEYLNDLK</p> <p>QYWKRGYGYT INSRSSCTLF QDIFQHLDKA VEQKQRSQPI SSPVILQFGH AETLLPLLSL</p> <p>MGYFKDKEPL TAYNYKKQMH RKFRSGLIVP YASNLIFFVLY HCENAKTPKE QFRVQMLLNE</p> <p>KVLPLAYSQE TVSFYEDLKN HYKDILQSCQ TSEECELARA NSTSDELVDH HHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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