

Product Data Sheet

Recombinant Human MINPP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1963	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human MINPP1 Protein is produced by 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 μM 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	SLLEPRDPVA SSLSPYFGTK TRYEDVNPVL LSGPEAPWRD PELLEGCTCTP VQLVALIRHG TRYPTVKQIR KLRQLHGLLQ ARGSRDGGAS STGSRDLGAA LADWPLWYAD WMDGQLVEKG RQDMRQLALR LASLFPALFS RENYGRRLRI TSSKHRCMDS SAAFLQGLWQ HYHPGLPPPD VADMEFGPPT VNDKLMRFFD HCEKFLTEVE KNATALYHVE AFKTGPEMQN ILKKVAATLQ VPVNDLNADL IQVAFFTCSE DLAIKGVKSP WCDVFDIDDA KVLEYLNDLK QYWKRGYGYT INSRSSCTLF QDIFQHLDKA VEQKQRSQPI SSPVILQFGH AETLLPLLSL MGYFKDKEPL TAYNYKKQMH RKFRSGLIVP YASNLI FVLY HCENAKTPKE QFRVQMLLNE KVLPLAYSQE TVSFYEDLKN HYKDILQSCQ TSEECCLARA NSTSDELVDH HHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) 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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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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