

## Recombinant Human INPP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1829	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human INPP1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Thr399 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	INPP1		
<b>Alternative Names</b>	Inositol polyphosphate 1-phosphatase; IPP; IPPase		
<b>Entrez Gene</b>	3628 (Human)		
<b>SwissProt</b>	P49441 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MSDILRELLC VSEKAANIAR ACRQQEALFQ LLIEEKKEGE KNKKFAVDFK TLADVLVQEV            IKQNMENKFP GLEKNIFGEE SNEFTNDWGE KITLRLCSTE EETAELLSKV LNGNKVASEA            LARVVHQDVA FTDPTLDSTE INVPQDILGI WVDPIDSTYQ YIKGSADIKS NQGIFPCGLQ            CVTILIGVYD IQTGVPLMGV INQPFVSRDP NTLRWKGQCY WGLSYMGTNM HSLQLTISRR            NGSEHTGTNT GSEAAFSPSF SAVISTSEKE TIKAAALSRVC GDRIFGAAGA GYKSLCIVVQG            LVDIYIFSED TTFKWDSCAA HAILRAMGGG IVDLKECLER NPETGLDLPQ LVYHVENEGA            AGVDRWANKG GLIAYRSRKR LETFLSLLVQ NLAPAETHTV DHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	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. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

**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

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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