

Product Data Sheet

Recombinant Human INPP5A Protein

Catalog #	Source	Reactivity	Applications
CRP2197	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human INPP5A Protein is produced by mammalian expression system and the target gene encoding Met1-Val410 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	INPP5A		
Alternative Names	Type I inositol 145-trisphosphate 5-phosphatase; 5PTase		
Entrez Gene	3632 (Human)		
SwissProt	Q14642 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAGKAAAPGT AVLLVTANVG SLFDDPENLQ KNWLREFYQV VHTHKPHFMA LHCQEFGGKN YEASMSHVDK FVKELLSSDA MKEYNRARVY LDENYKSQEH FTALGSFYFL HESLKNIIYQF DFKAKKYRKV AGKEIYSDTL ESTPMLEKEK FPQDYFPECK WSRKGFIRTR WCIADCAFDL VNIHLFHDAS NLVAWETSPS VYSGIRHKAL GYVLDRIIDQ RFEKVSFYVF GDFNFRLDSK SVVETLCTKA TMQTVRAADT NEVVKLIFRE SDNDRKVMLQ LEKKLFDYFN QEVFRDNNGT ALLEFDKELS VFKDRLYELD ISFPPSYPPS EDARQGEQYM NTRCPAWCDR ILMSPSAKEL VLRSESEKVV VTYDHIGPNV CMGDHKPVFL AFRIMPGAGK PHAHVHKCCV DHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
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.		

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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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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