

## Recombinant Human INPP5A Protein

Catalog #	Source	Reactivity	Applications
CRP2197	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human INPP5A Protein is produced by our mammalian expression system and the target gene encoding Met1-Val410 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	INPP5A		
<b>Alternative Names</b>	Type I inositol 145-trisphosphate 5-phosphatase; 5PTase		
<b>Entrez Gene</b>	3632 (Human)		
<b>SwissProt</b>	Q14642 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MAGKAAAPGT AVLLVTANVG SLFDDPENLQ KNWLREFYQV VHTHKPHFMA</p> <p>LHCQEFGGKN YEASMSHVDK FVKELLSSDA MKEYNRARVY LDENYKSQEH FTALGSFYFL</p> <p>HESLKNIIYQF DFKAKKYRKV AGKEIYSDTL ESTPMLEKEK FPQDYFPECK WSRKGFIRTR</p> <p>WCIADCAFDL VNIHLFHDAS NLVAWETSPS VYSGIRHKAL GYVLDRIIDQ RFEKVSYFVF</p> <p>GDFNFRLDSK SVVETLCTKA TMQTVRAADT NEVVKLIFRE SDNDRKVMLQ LEKKLFDYFN</p> <p>QEVFRDNNGT ALLEFDKELS VFKDRLYELD ISFPPSYPPYS EDARQGEQYM NTRCPAWCDR</p> <p>ILMSPSAKEL VLRSESEEKV VTYDHIGPNV CMGDHKPVFL AFRIMPGAGK PHAHVHKCCV</p> <p>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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**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

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)

# Product Data Sheet

**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

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)