

Recombinant Human PTP IA-2 Protein

Catalog #	Source	Reactivity	Applications
CRP2796	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PTP IA-2 Protein is produced by E.coli expression system and the target gene encoding Gln607-Asn686 & Trp795-Leu888 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	PTPRN		
Alternative Names	ICA3; ICA512; Receptor-type tyrosine-protein phosphatase-like N; R-PTP-N; Islet cell antigen 512; ICA 512; Islet cell autoantigen 3; PTP IA-2		
Entrez Gene	5798 (Human)		
SwissProt	Q16849 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SGLVPRGSH MQDKERLAAL GPEGAHGDTT FEYQDLCRQH MATKSLFNRA EGPPEPSRVS SVSSQFSDAA QASPSHSST PSWCEEPAQA NGGGGSGGGG SGGGGSWQMV WESGCTVIVM LTPLVEDGVK QCDRYWPDEG ASLYHVVEVN LVSEHIWCED FLVRSFYLKN VQTQETRTLQ QFHFLSWPAE GTPASTRPLL		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please 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.		

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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