

Recombinant Human PTPRN Protein (Met687-Gln979)

Catalog #	Source	Reactivity	Applications
CRP2184	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PTPRN Protein (Met687-Gln979) is produced by our E. coli expression system and the target gene encoding Met687-Gln979 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
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	<p>MGSSHHHHH SSGLVPRGSH MDISTGHMIL AYMEDHLRNR DRLAKEWQAL</p> <p>CAYQAEPNTC ATAQGEGNIK KNRHPDFLPY DHARIKLVKVE SSPSRSDYIN ASPIIEHDPR</p> <p>MPAYIATQGP LSHTIADFWQ MVWESGCTVI VMLTPLVEDG VKQCDRYWPD EGASLYHVYE</p> <p>VNLVSEHIWC EDFLVRSFYL KNVQTQETRT LTQFHFLSWP AEGTPASTRP LLDFFRRKVNK</p> <p>CYRGRSCPII VHCS DGAGRT GTYLIDMVL NRMAGVKEI DIAATLEHVR DQRPGLVRSK</p> <p>DQFEFALTAV AEEVNAILKA LPQ</p>		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	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

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