

Product Data Sheet

Recombinant Human PPM1A Protein

Catalog #	Source	Reactivity	Applications
CRP2139	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human PPM1A Protein is produced by E. coli expression system and the target gene encoding Gly2-Trp382 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	PPM1A		
Alternative Names	PPPM1A; Protein phosphatase 1A; Protein phosphatase 2C isoform alpha; PP2C-alpha; Protein phosphatase 1A		
Entrez Gene	5494 (Human)		
SwissProt	P35813 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MGAFLDKPKM EKHNAQGQGN GLRYGLSSMQ GWRVEMEDAH TAVIGLPSGL ESWSFFAVYD GHAGSQVAKY CCEHLLDHIT NNQDFKGSAG APSVENVKNG IRTGFLEIDE HMRVMSEKKH GADRS GSTAV GVLISPQHTY FINCGDSRGL LCRNRKVHFF TQDHKPSNPL EKERIQNAGG SVMIQRVNGS LAVSRALGDF DYKCVHGKGP TEQLVSPEPE VHDIERSEED DQFIILACDG IWDVMGNEEL CDFVRSRLEV TDDLEKVCNE VVDTCLYKGS RDNMSVILIC FPNAPKVSPE AVKKEAELDK YLECRVEEII KKQGEGVPDL VHVMTLASE NIPSLPPGGE LASKRNVIEA VYNRLNPYKN DDTDSTSTDD MWLEHHHHHHH		
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.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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