

Recombinant Human PMM2 Protein

Catalog #	Source	Reactivity	Applications
CRP2122	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PMM2 Protein is produced by our E.coli expression system and the target gene encoding Met1-Ser246 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	PMM2		
Alternative Names	Phosphomannomutase 2; PMM 2		
Entrez Gene	5373 (Human)		
SwissProt	O15305 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAAPGPALCL FDVDGTLTAP RQKITKEMDD FLQKLRQKIK IGVVGGSDFE KVQEQLGNDV VEKYDYVFPE NGLVAYKDGK LLCRQNIQSH LGEALIQDLI NYCLSYIAKI KLPKCRGTFI EFRNGMLNVS PIGRSCSQEE RIEFYELDKK ENIRQKFVAD LRKEFAGKGL TFSIGGQISF DVFPDGWDKR YCLRHVENDG YKTIYFFGDK TMPGGNDHEI FTDPRTMGYS VTAPEDTRRI CELLSLEHH HHHH		
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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