

Recombinant Human PPIC Protein

Catalog #	Source	Reactivity	Applications
CRP2134	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PPIC Protein is produced by our E. coli expression system and the target gene encoding Lys31-Asp182 is expressed with a Trx, 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.		
Gene Symbol	PPIC		
Alternative Names	CYPC; Peptidyl-prolyl cis-trans isomerase C; PPIase C; Cyclophilin C; Rotamase C		
Entrez Gene	5480 (Human)		
SwissProt	P45877 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MSDKIIHLTD DSFDTDVLKA DGAILVDFWA EWCGPCKMIA PILDEIADEY QGKLTVAKLN IDQNPGTAPK YGIRGIPTLL LFKNGEVAAT KVGALSKGQL KEFLDANLAG SGSGHMHMHHH HHSSGLVPRG SGMKETAALK FERQHMDSPD LGTDDDDKAM AKRGPSVTAK VFFDVRIGDK DVGRIVIGLF GKVVPKTVEN FVALATGEKG YGYKGSKFHR VIKDFMIQGG DITGDGTGG VSIYGETFPD ENFKLKHYGI GWVSMANAGP DTNGSQFFIT LTKPTWLDGK HVVFGKVIDG MTVVHSIELQ ATD		
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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