

## Recombinant Human FKBP4 Protein

Catalog #	Source	Reactivity	Applications
CRP1569	E. coli	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human FKBP4 Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala459 is expressed with a 6His tag at the C-terminus.

**Form** Liquid in a 0.2 μM filtered solution of 20mM Tris HCl, 10% Glycerol, pH8.0.

**Gene Symbol** FKBP4

**Alternative Names** FKBP52; Peptidyl-prolyl cis-trans isomerase FKBP4; PPIase FKBP4; 51 kDa FK506-binding protein; FKBP51; 52 kDa FK506-binding protein; 52 kDa FKBP; FKBP-52; 59 kDa immunophilin; p59; FK506-binding protein 4; FKBP-4; FKBP59; HSP-binding immunophilin; HBI; Im

**Entrez Gene** 2288 (Human)

**SwissProt** Q02790 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MTAEEMKATE SGAQSAPLPM EGVDISPKQD EGVLKVIKRE GTGTEMPMIG  
 DRVHVHTGW LLDGTKFDSS LDRKDKFSFD LGKGEVIKAW DIAIATMKVG EVCHITCKPE  
 YAYGSAGSPP KIPP NATLVF EVELFEFKGE DLTEEDGGI IRRIQTRGEG YAKPNEGAIV  
 EVALEGYYKD KLF DQRELRF EIGEGENLDL PYGLERAIQR MEKGEHSIVY LKPSYAFGSV  
 GKEKFQIPPN AELKYELHLK SFEKAKESWE MNSEEKLEQS TIVKERGT VY FKEGKYKQAL  
 LQYKKIVSWL EYESSFSNEE AQKAQALRLA SHLNLMCHL KLQAFSAAIE SCNKALELDS  
 NNEKGLFRRG EAHLAVNDFE LARADFQKVL QLYPNKAAK TQLAVCQQRI RRQLAREKKL  
 YANMFERLAE EENKAKAEAS SGDHPTDTEM KEEQKSNTAG SQSQVETEAL EHHHHHHH

**Quality Control** Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**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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# Product Data Sheet

- 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.

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