

FK506 Binding Protein 5 (FKBP5) Recombinant Protein | FKBP5 recombinant protein

Recombinant FK506 Binding Protein 5 (FKBP5)

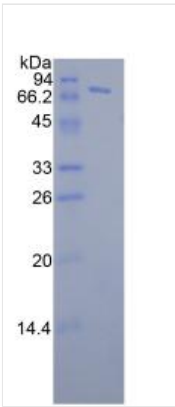
CATALOG # AAA20239	HOST E Coli	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

FK506 Binding Protein 5 (FKBP5); Recombinant FK506 Binding Protein 5 (FKBP5); FKBP5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	>95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for FKBP5 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Source	Prokaryotic expression
Residues	Thr2~Val457
Tags	Two N-terminal Tags, His-tag and GST-tag
Tissue Specificity	Testis, Kidney
Subcellular Location	Cytoplasm. Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.0
Predicted Molecular Mass	81.1kDa
Accurate Molecular Mass	80kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for two years Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



TTDEGAKNN EESPTATVAE QGEDITSKDD RGVLKIVKRV GNGEETPMIG
DKVYVHYKKG LSNKKFDDSS HDRNEPFFVS LGKGQVIKAW DIGVATMKKG
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RTKRKGEYS NPNEGATVEI HLEGRCGGRM FDCRDVAFTV GEGEDHDIPI
GIDKALEKMQ REEQCILYLG PRYGFGEAGK PKFGIEPNAE LIYEVTLKSF
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EKGLYRRGEA QLLMNEFESA KGDFEKVLEV NPQNKAARLQ ISMCQKKAKE
HNERDRRIYA NMFKKFAEQD AKEEANKAMG KKTSEGVINE KGTDSQAMEE
EKPEGHV

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	224809327
NCBI GeneID	2289
NCBI Accession #	NP_001139247.1
NCBI GenBank Nucleotide #	NM_001145775.2
UniProt Accession #	Q13451; Q59EB8; Q5TGM6; F5H7R1
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP5 isoform 1
NCBI Official Synonym Full Names	FK506 binding protein 5
NCBI Official Symbol	FKBP5
NCBI Official Synonym Symbols	P54; AIG6; FKBP51; FKBP54; PPIase; Ptg-10
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP5; FKBP-5; FKBP-51; rotamase; 51 kDa FKBP; FF1 antigen; PPIase FKBP5; HSP90-binding immunophilin; T-cell FK506-binding protein; androgen-regulated protein 6; 51 kDa FK506-binding protein 5; peptidylprolyl cis-trans isomerase; 54 kDa progesterone receptor-associated immunophilin
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP5
UniProt Gene Name	FKBP5
UniProt Synonym Gene Names	AIG6; FKBP51; PPIase FKBP5; 51 kDa FKBP; FKBP-51; FKBP-5; p54
UniProt Entry Name	FKBP5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.