

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

Recombinant FK506 Binding Protein 5 (FKBP5)

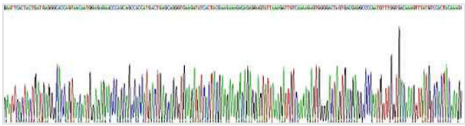
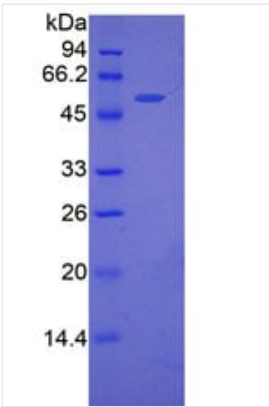
CATALOG # AAA134745	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for FKBP5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr2~Val456
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.6
Usage	Reconstitute in ddH2O to a concentration of 0-0.4 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. 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 degree 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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TTDEGTSNN  GENPAATMTE  QGEDITTKKD  RGVLKIVKRV  GTSDEAPMFG
DKVVVHYKGM  LSDGKFDSS  HDRKKPFASF  LGQGQVIKAW  DIGVSTMKKG
EICHLLCKPE  YAYGSAGHLQ  KIPSNATLFF  EIELDFKGE  DLFEDSGVIR
RIKRKGEYS  NPNEGATVKV  HLEGCCGGR  FDCRDVVFVV  GEGEDHDIPI
GIDKALVKMQ  REEQCILYLG  PRYGFGEAGK  PKFGIDPNAE  LMYEVTLSKF
EKAKESWEMD  TKEKLTQAAI  VKEKGTVYFK  GGKYTQAVIQ  YRKIVSWLEM
EYGLSEKESK  ASEFLLAFA  LNLAMCYLKL  REYNKAVECC  DKALGLDSAN
EKGLYRRGEA  QLLMNDFESA  KGDFEKLAV  NPQNRAARLQ  ISMCQRKAKE
HNERDRRVYA  NMFKKFAERD  AKEEASKAGS  KKAVERGAAGK  QHESQAMEEG
KAKGHV
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753884
NCBI GeneID	14229
NCBI Accession #	NP_034350.1
NCBI GenBank Nucleotide #	NM_010220.4
UniProt Accession #	Q64378
Molecular Weight	Predicted Molecular Mass: 52.1kDa Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP5
NCBI Official Synonym Full Names	FK506 binding protein 5
NCBI Official Symbol	Fkbp5
NCBI Official Synonym Symbols	Dit1; FKBP-5; FKBP51; D17ErtD592e
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP5; rotamase; 51 kDa FKBP; PPIase FKBP5; 51 kDa FK506-binding protein
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP5
UniProt Gene Name	Fkbp5
UniProt Synonym Gene Names	Fkbp51; PPIase FKBP5; 51 kDa FKBP; FKBP-51; FKBP-5
UniProt Entry Name	FKBP5_MOUSE

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.