

FK506 Binding Protein 1A (FKBP1A) Recombinant Protein | FKBP1A recombinant protein

Recombinant FK506 Binding Protein 1A (FKBP1A)

CATALOG # AAA134506	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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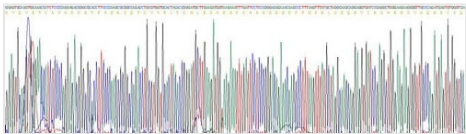
PRODUCT SYNONYMS

FK506 Binding Protein 1A (FKBP1A); Recombinant FK506 Binding Protein 1A (FKBP1A); FKBP1A recombinant protein

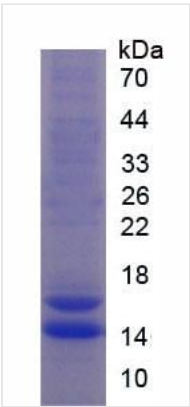
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GSEF-GV QVETISPGDG RTFPKRGQTC VVHYTGMLED GKKFDSSRDR NKPFKFMLGK QEVRGWEEG VAQMSVGQRA KLTISPDYAY GATGHPGIIP PHATLVFDVE LLKLE
Sequence Length	108
Applicable Applications for FKBP1A recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly2~Glu108 (Accession # P62942) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

GVQVETISP GDGRTFPKRG QTCVVHYTGM LEDGKKFDSS RDRNPKPKFM
LGKQEVIRGW EEGVAQMSVG QRAKLTISPD YAYGATGHPG IIPPHATLVF
DVLLKLE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503725
NCBI GeneID	2280
NCBI Accession #	NP_000792.1
NCBI GenBank Nucleotide #	NM_000801.4
UniProt Accession #	P62942; P20071; Q4VC47; Q6FGD9; Q6LEU3; Q9H103; Q9H566; D3D VW6
Molecular Weight	13.3kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP1A isoform a
NCBI Official Synonym Full Names	FK506 binding protein 1A, 12kDa
NCBI Official Symbol	FKBP1A
NCBI Official Synonym Symbols	FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1A; rotamase; 12 kDa FKBP; calstabin 1; calstabin-1; FKBP12-Exip3; PPIase FKBP1A; immunophilin FKBP12; FK506 binding protein12; FK506-binding protein 1; FK506-binding protein 12; 12 kDa FK506-binding protein; protein kinase C inhibitor 2; FK506-binding protein 1A (12kD); FK506-binding protein, T-cell, 12-kD
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1A
UniProt Gene Name	FKBP1A
UniProt Synonym Gene Names	FKBP1; FKBP12; PPIase FKBP1A; 12 kDa FKBP; FKBP-12; FKBP-1A
UniProt Entry Name	FKB1A_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.