

Peptidyl-prolyl cis-trans isomerase FKBP1A Recombinant Protein | FKBP1A recombinant protein

Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP1A

CATALOG # AAA81620	HOST E Coli
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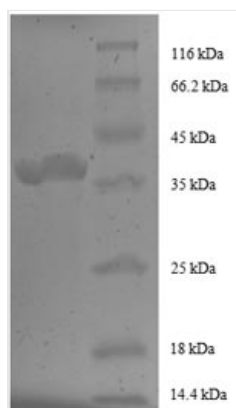
PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase FKBP1A; Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP1A; 12 kDa FK506-binding protein; 12 kDa FKBP; FKBP-12; Calstabin-1FK; 506-binding protein 1A; FKBP-1; Almunophilin FKBP12; Rotamase; FKBP1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-103aa. Partial
Sequence	GVQVETISPG DGRTFPKRGQ TCVVHYTGML EDGKKFDSSR DRNKPFKFML GKQEVIRGWE EGVAQMSVGQ RAKLTISPDY AYGATGHPGI IPPHATLVFD VE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FKBP1A recombinant protein	Keeps in an inactive conformation TGFBR1, the TGF-beta type I serine/threonine kinase receptor, preventing TGF-beta receptor activation in absence of ligand. Recruits SMAD7 to ACVR1B which prevents the association of SMAD2 and SMAD3 with the activin receptor complex, thereby blocking the activin signal. May modulate the RYR1 calcium channel activity. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Product Categories/Family for FKBP1A recombinant protein	Immunology

References	Complementary DNA encoding the human T-cell FK506-binding protein, a peptidylprolyl cis-trans isomerase distinct from cyclophilin.Maki N., Sekiguchi F., Nishimaki J., Miwa K., Hayano T., Takahashi N., Suzuki M.Proc. Natl. Acad. Sci. U.S.A. 87:5440-5443(1990)
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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; D3DVW6
Molecular Weight	38.2 kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP1A isoform a
NCBI Official Synonym Full Names	FK506 binding protein 1A
NCBI Official Symbol	FKBP1A
NCBI Official Synonym Symbols	FKBP1; PKC12; PKCI2; FKBP12; PPIASE; FKBP-12; FKBP-1A
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1A
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.