

FKBP3 active protein

FKBP3, 1-224aa, Human, E Coli (Bioactivity Validated)

CATALOG # AAA48579	HOST E Coli	APPLICATIONS SDS-Page
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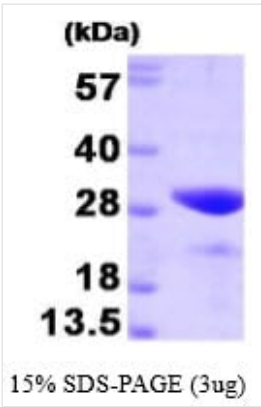
PRODUCT SYNONYMS

FKBP3; 1-224aa; Human; E Coli (Bioactivity Validated); FK506 binding protein 3; FKBP25; PPIase FKBP3; Rotamase; FK506 binding protein 3 FKBP 25; FKBP 3; PPIase; Rotamase.; FKBP3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MAAAVPQRAW TVEQLRSEQL PKKDIIKFLQ EHGSDSFLAE HKLLGNIKNV AKTANKDHLV TAYNHLFETK RFKGTESISK VSEQVKNVKL NEDKPKETKS EETLDEGPPK YTKSVLKKGD KTNFPKKGDV VHCWYTGTLQ DGTVFDTNIQ TSAKKKKNAK PLSFKVGVGK VIRGWDEALL TMSKGEKARL EIEPEWAYGK KGQPDAKIPP NAKLTFEVEL VDID
Sequence Length	224
Applicable Applications for FKBP3 active protein	SDS-PAGE, Enzyme Activity
Antigen Species	Human
Domain	1-224aa
Tag	Non-Tagged
Biological Activity	Specific activity is > 900 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmol of suc-AAFP-PNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
Preparation and Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE
3ug by SDS-Page under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for FKBP3 active protein	FK506 binding protein 3 (FKBP3), also known as FKBP25, is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP3 associates with transcriptional repressor protein YY1 and histone deacetylases, HDAC1 and HDAC2. Also, FKBP3 may contain several casein kinase II phosphorylation sites, which are believed to be important for cell growth regulation. It is localized in the nucleus and is expressed in the brain, testis, ovary, and spleen. Recombinant human FKBP3 was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for FKBP3 active protein	Heat Shock Proteins
References	Yang WM., et al. (2001) EMBO J. 20 (17):4814-25. ; Jin YJ., et al. (1993) Proc Natl Acad Sci u S A. 90 (16):7769-73. ;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503727
NCBI GeneID	2287
NCBI Accession #	NP_002004
NCBI GenBank Nucleotide #	NM_002013.3
UniProt Accession #	Q00688; Q14317; B2R4Q9
Molecular Weight	25.1 kDa (224aa), confirmed by MALDI-TOF.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP3
NCBI Official Synonym Full Names	FK506 binding protein 3
NCBI Official Symbol	FKBP3
NCBI Official Synonym Symbols	FKBP-3; FKBP25; PPlase; FKBP-25
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP3
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP3
UniProt Gene Name	FKBP3
UniProt Synonym Gene Names	FKBP25; PPlase FKBP3; 25 kDa FKBP; FKBP-25; FKBP-3

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.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/fkbp3/48579>