

Human Recombinant FKBP2

CATALOG #:	6353-50	50 µg
ALTERNATE NAMES:	Peptidyl-prolyl cis-trans isomerase FKBP2, FKBP-13, PPIase.	
SOURCE:	E.Coli	
PURITY:	> 90% by SDS - PAGE	
MOL. WEIGHT:	13.4 kDa (122 aa, 22-142 aa)	
FORMULATION:	1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT and 10% glycerol.	

STORAGE CONDITIONS:

Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION:

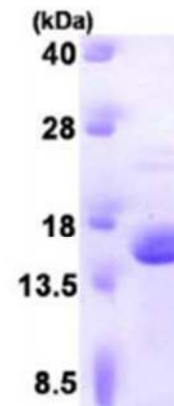
FKBP2 is part of the immunophilin protein family, which takes part in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP2 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. FKBP2 functions as an ER chaperone and as a component of membrane cytoskeletal scaffolds.

AMINO ACID SEQUENCE:

MATGAEGKRK LQIGVKKRVD HCPIKSRKGD VLHMHYTGKL EDGTEFDSSL
PQNQPFVFSL GTGQVIKQWD QLLGMCEGE KRKLVIPSEL GYGERGAPPK
IPGGATLVFE VELLKIERRT EL

BIOLOGICAL ACTIVITY:

Specific activity is > 270 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1 µmole of Suc-AAFP-pNA per minute at 25°C in Tris HCl pH 8.0 using chymotrypsin



15% SDS-PAGE (3µg)

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RELATED PRODUCTS:

- FKBP12 Antibody (Cat. No. 3635-100)
- FKBP12 Blocking Peptide (Cat. No. 3635BP-50)
- FKBP38 Antibody (Cat. No. 3666-100)
- FKBP38 Blocking Peptide (Cat. No. 3666BP-50)
- FKBP52/Hsp56 Antibody (Cat. No. 3880-100)
- FKBP52/Hsp56 Blocking Peptide (Cat. No. 3880BP-50)
- Human recombinant FKBP1a (Cat. No. 6340-100)
- Human recombinant FKBP1B (Cat. No. 6341-100)
- Human recombinant FKBP3 (Cat. No. 6342-100)
- Human recombinant FKBP4 (Cat. No. 6343-100)
- Human recombinant FKBP6 (Cat. No. 6344-100)
- Human recombinant FKBP14 (Cat. No. 6345-100)
- Human recombinant FKBP14 (Cat. No. 6354-100)

FOR RESEARCH USE ONLY! Not to be used in humans.