

Recombinant Full Length Human FKBP1B Protein, GST-tagged

Cat. No. FKBP1B-4800HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FKBP1B full-length ORF (AAH02614, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	80 amino acids
Description	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms. [provided by RefSeq]
Molecular Mass	34.54 kDa
AA Sequence	MGVEIETISPGDGRTFPKKGQTCVVHYTGMLQNGKKFDSSRDRNKPFKFRIGKQEV KGFEEGAAQLGPLSPLPICPHPC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FKBP1B FK506 binding protein 1B, 12.6 kDa [Homo sapiens]
Official Symbol	FKBP1B
Synonyms	FKBP1B; FK506 binding protein 1B, 12.6 kDa; FK506 binding protein 1B (12.6 kD), FKBP1L; peptidyl-prolyl cis-trans isomerase FKBP1B; FKBP9; FKBP12.6; OTK4; PPlase; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPlase FKBP1B; immunophilin FKBP12.6; FK506-binding protein 1B; FK506-binding protein 12.6; 12.6 kDa FK506-binding protein; FKBP1L; PKBP1L;
Gene ID	2281
mRNA Refseq	NM_004116
Protein Refseq	NP_004107
MIM	600620
UniProt ID	P68106

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