Recombinant Human FKBP1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FKBP1B-1346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FKBP1B MS Standard C13 and N15-labeled recombinant protein (NP_473374) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	8.8 kDa
AA Sequence	MGVEIETISPGDGRTFPKKGQTCVVHYTGMLQNGKKFDSSRDRNKPFKFRIGKQEVI KGFEEGAAQLGPLSPLPICPHPCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

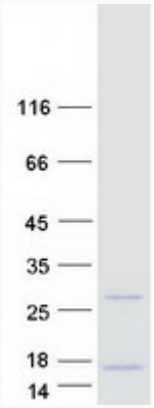
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FKBP1B FKBP prolyl isomerase 1B [Homo sapiens (human)]
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; PPIase; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPIase 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_054033
Protein Refseq	NP_473374
MIM	600620
UniProt ID	P68106

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SDS-PAGE	

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