Recombinant Human FKBP2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FKBP2-343H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FKBP2 MS Standard C13 and N15-labeled recombinant protein (NP_004461) 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 thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2008]
Molecular Mass	15.6 kDa
AA Sequence	MRLSWFQVLTVLSICLSAVATATGAEGKRKLQIGVKKRVDHCPIKSRKGDVLHMHYTGKLEDGTEFDSSLPQNQPFVFSLGTGQVIKGWDQGLLGMCEGEKRKLVIPSELGYGERGAPPKIPGGATLVFEVELLKIERRTELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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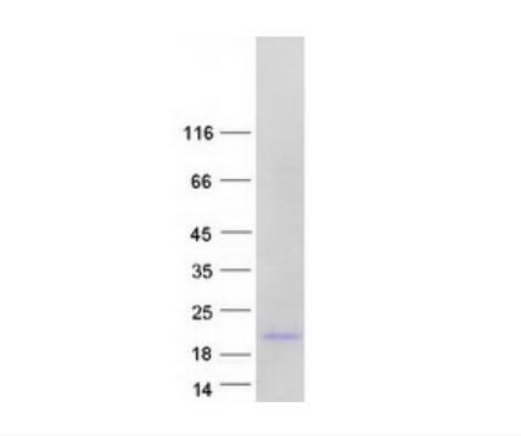
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FKBP2 FK506 binding protein 2, 13kDa [Homo sapiens (human)]
Official Symbol	FKBP2
Synonyms	FKBP2; FK506 binding protein 2, 13kDa; FK506 binding protein 2 (13kD); peptidyl-prolyl cis-trans isomerase FKBP2; FKBP 13; peptidyl prolyl cis trans isomerase; PPIase; proline isomerase; rapamycin binding protein; FKBP-2; rotamase; 13 kDa FKBP; PPIase FKBP2; immunophilin FKBP13; rapamycin-binding protein; 13 kDa FK506-binding protein; FK506-binding protein 2 (13kD); FKBP-13;
Gene ID	2286
mRNA Refseq	NM_004470
Protein Refseq	NP_004461
MIM	186946
UniProt ID	P26885

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SDS-PAGE



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