Recombinant Human FKBP6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FKBP6-5724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FKBP6 MS Standard C13 and N15-labeled recombinant protein (NP_003593) 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 cis-trans peptidyl-prolyl isomerase that may function in immunoregulation and basic cellular processes involving protein folding and trafficking. This gene is located in a chromosomal region that is deleted in Williams-Beuren syndrome. Defects in this gene may cause male infertility. There are multiple pseudogenes for this gene located nearby on chromosome 7. Alternative splicing results in multiple transcript variants.
Molecular Mass	37.2 kDa
AA Sequence	MGGSALNQGVLEGDDAPGQSLYERLSQRMLDISGDRGVLKDVIREGAGDLVAPDA SVLVKYSGYLEHMDRPFDSNYFRKTPRLMKLGEDITLWGMELGLLSMRRGELARFL FKPNYAYGTLGCPPLIPPNTTVLFEIELLDFLDCAESDKFCALSAEQQDQFPLQKVLK VAATEREFGNYLFRQNRFYDAKVRYKRALLLLRRRSAPPEEQHLVEAAKLPVLLNLS FTYLKLDRPTIALCYGEQALIIDQKNAKALFRCGQACLLLTEYQKARDFLVRAQKEQP FNHDINNELKKLASCYRDYVDKEKEMWHRMFAPCGDGSTAGESTRTRPLEQKLISE EDLAANDILDYKDDDDKV

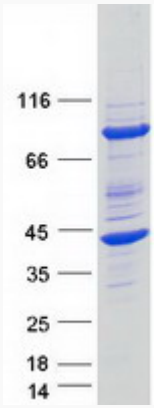
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	FKBP6 FKBP prolyl isomerase family member 6 (inactive) [Homo sapiens (human)]
Official Symbol	FKBP6
Synonyms	FKBP6; FK506 binding protein 6, 36kDa; FK506 binding protein 6 (36kD); peptidyl-prolyl cis-trans isomerase FKBP6; FKBP36; immunophilin FKBP36; peptidylprolyl cis trans isomerase; PPIase; rotamase; FKBP-36; 36 kDa FKBP; PPIase FKBP6; FK506-binding protein 6; 36 kDa FK506-binding protein; MGC87179;
Gene ID	8468
mRNA Refseq	NM_003602
Protein Refseq	NP_003593
MIM	604839
UniProt ID	O75344

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SDS-PAGE	

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