

Recombinant Human FKBP15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FKBP15-4111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FKBP15 MS Standard C13 and N15-labeled recombinant protein (NP_056073) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	FKBP15 (FKBP Prolyl Isomerase 15) is a Protein Coding gene. Diseases associated with FKBP15 include Megalencephalic Leukoencephalopathy With Subcortical Cysts 1 and Spinocerebellar Ataxia 11. Gene Ontology (GO) annotations related to this gene include actin binding and peptidyl-prolyl cis-trans isomerase activity. An important paralog of this gene is FKBP4.
Molecular Mass	133.4 kDa
AA Sequence	MFGAGDEDDTDFLSPSGGARLASLFGLDQAAAGHGNEFFQYTAPKQPKKGQGTAA TGNQATPKTAPATMSTPTILVATAVHAYRYTNGQYVKQGKFGAAVLGNHTAREYRIL LYISQQQPVTVARIHVNFELMVRPNNYSTFYDDQRQNW SIMFESEKAAVEFNKQVCI AKCNSTSSLDVLSQDLIVADGPAVEVGDSLEVAYTGWLFQNHVLGQVFDSTANKD KLLRLKLGSGKVIKGWEDGMLGMKKGGKRLLIVPPACAVGSEG VIGWTQATDSILVF EVEVRRVKFARDSGSDGHSVSSRDSAAPSPIPGADNLSADPVVSPPTSIPFKSGEPA LRTKSNSLSEQLAINTSPDAVKAKLISRMAMGQPMLPILPPQLDSNDSEIEDVNTLQ GGGQPVVTPSVQPSLHPAHPALPQMTSQAPQPSVTGLQAPSAALMQVSSLDSHSA

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VSGNAQSFQPYAGMQAYAYPQASAVTSQLQPVRPLYPAPLSQPPHFQSGSDMASF
 LMTEARQHNTIIRMAVSKVADKMDHLMTKVEELQKHSAGNSMLIPSMSVTMETSMI
 MSNIQRIIQENERLKQEILEKSNRIEEQNDKISELIERNQRYVEQSNLMMEKRNNSLQ
 TATENTQARVLHAEQEKAKVTEELAAATAQVSHLQLKMTAHQKKETELQMQLTESL
 KETDLLRGQLTKVQAKLSELQETSEQAQSKFKSEKQNRKQLELKVTSLEEELTDLRV
 EKESLEKNLSEKSSAQSERSQAEEDIDEIRKSYQEELDKLRQLLKKTRVSTDQAAA
 EQLSLVQAEQTQWEAKCEHLLASAKDEHLQYQEVCAQRDAYQQKLVQLQEKCL
 ALQAQITALTKQNEQHIKELEKNKSQMSGVEAAASDPSEKVKKIMNQVFQSLRREFE
 LEESYNGRTILGTIMNTIKMVTQLLNQQEQEKEESSSEEEEEKAEERPRRPSQEQS
 ASASSGQPQAPLNRRERPESPMVPSEQVVEEAVPLPPQALTTSQDGHRRKGDSEAE
 ALSEIKDGSLLPELSCIPSHRVLGPPTSIPPEPLGPVSMDSECEESLAASPMMAKPDN
 PSGKVCVREVAPDGPLQESSTRLSLTSDPEEGDPLALGPESPGEPQPPQLKKDDVT
 SSTGPHKELSSTEAGSTVAGAALRPSHHSQRSSLSGDEEDELFGATLKALRPAQ
 PEEDEDEVSMMKGRPPPTPLFGDDDDDDIDWLGTTRPLEQKLISEEDLAANDILD
 YKDDDDKV

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 FKBP15 FKBP prolyl isomerase family member 15 [Homo sapiens (human)]

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Official Symbol	FKBP15
Synonyms	FKBP15; FK506 binding protein 15, 133kDa; KIAA0674; FK506-binding protein 15; PPP1R76; protein phosphatase 1; regulatory subunit 76; WAFL; FKBP-15; FKBP-133; 133 kDa FKBP; FK506-binding protein 133kDa; 133 kDa FK506-binding protein; protein phosphatase 1, regulatory subunit 76; FKBP133;
Gene ID	23307
mRNA Refseq	NM_015258
Protein Refseq	NP_056073
MIM	617398
UniProt ID	Q5T1M5

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