

Product datasheet for **RC215853**

FKBP15 (NM_015258) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP15 (NM_015258) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FKBP15
Synonyms:	FKBP133; KIAA0674; PPP1R76
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215853 representing NM_015258 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCCGGTGC GG GGGACGAGGACGACACCGATTTCTCTCGCCGAGCGGCGGTGCCAGATTGGCCTCAC
 TTTTGGACTGGATCAGGCAGCTGCTGGCCATGGAAATGAATTTTCCAGTACACAGCCCCAAAACAGCC
 TAAGAAAGGCCAGGGAACGGCAGCAACAGGAAATCAGGCAACACCAAAAACAGCACCAGCCACCATGAGC
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CCGCTCTCTCAGCCTCCCCATTTCCAAGGATCAGGTGATATGGCTTCATTTCTCATGACTGAAGCCCGG
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Protein Sequence: >RC215853 representing NM_015258
 Red=Cloning site Green=Tags(s)

MFGAGDEDDTDFLSPSGGARLASLFGLDQAAAGHGNEFFQYTAPKQPKKGQTAATGNQATPKTAPATMS
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8028_b05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

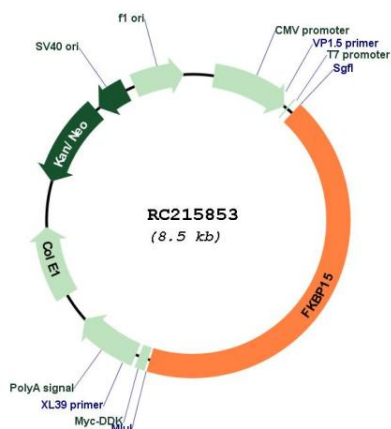


ACCN: NM_015258

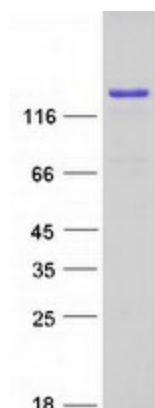
ORF Size: 3657 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_015258.2
RefSeq Size:	4336 bp
RefSeq ORF:	3660 bp
Locus ID:	23307
UniProt ID:	Q5T1M5
Cytogenetics:	9q32
Protein Families:	Druggable Genome
MW:	133.4 kDa
Gene Summary:	May be involved in the cytoskeletal organization of neuronal growth cones. Seems to be inactive as a PPlase (By similarity). Involved in the transport of early endosomes at the level of transition between microfilament-based and microtubule-based movement. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC215853



Coomassie blue staining of purified FKBP15 protein (Cat# [TP315853]). The protein was produced from HEK293T cells transfected with FKBP15 cDNA clone (Cat# RC215853) using MegaTran 2.0 (Cat# [TT210002]).