

Product datasheet for **MC211813**

Yif1b (NM_029887) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Yif1b (NM_029887) Mouse Untagged Clone
Tag: Tag Free
Symbol: Yif1b
Synonyms: 9430029K10Rik; Yip1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211813 representing NM_029887
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCACGCGACAGGTTTGGCGGCGCCGGCGGGGACGCCCCGGCTGCGTAAGTGGCCCTCAAAGCGGAGGG
TCCAGTGTCCCAACCAGGCATGGCTGATCCCCACAGTTTTTTGATGACACGAGTTCTGCCCAAGCCG
GGGCTATGGAGGCCAGCGTCACCTGGTGGTCTGGGTTACCCCCCTTTCATCCGACGCAGCCTTCCTG
GCTGCCCTATGTCCAACATGGCGATGGTCTACGGGAGCAGCCTGGCCGCTCAGGGCAAGGAGCTGGTAG
ATAAGAATATCGACCGCTTCATCCCCGTAGCAAGCTCAAGTATTACTTTGACAGTGGACACGGTGTATGT
GGGCAAGAAGCTTGGGCTGCTGGTCTTTCCCTACCTTCACCAGGACTGGGAGGTACAGTACCAACAGGAC
ACCCAGTGGCCCCCGCTTCGACATCAATGCTCCAGACCTCTACATTCCAGCCATGGCTTTCATCACCT
ACATCTTGGTGGCCGGCCTTGCCTGGGAGCCAGGACAGGTTCTCCCCAGACCTCCTGGGACTGCAGGC
GAGCTCAGCTCTGGCCTGGCTGACTCTGGAAGTCGTAGCAATCCTGCTCAGTCTCTACCTGGTCACTGTC
AACACCGACCTCACCACCATTGACCTGGTGGCCTCTTGGGCTACAAATATGTGGGATGATTGGCGGCG
TCCTCACGGGCTGCTCTTTGAAAGATCGGCTACTACCTGGTGGTCTGCTGGTGTGTGTCCATCTT
TGATTTCATGATCCGGACTGCGGCTCAAGATCCTGGCCAGGACGCGCCGAAGGAGTGCCAGTGCGT
GGGGCGCGGAACCAGCTGCGCATGTACCTGACTATGGCAGTGGCAGCTGCGCAGCCGGTACTCATGTACT
GGCTCACCTTCCACCTTGTACGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029887
Insert Size: 936 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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.
RefSeq:	NM_029887.3 , NP_084163.2
RefSeq Size:	1144 bp
RefSeq ORF:	936 bp
Locus ID:	77254
UniProt ID:	Q9CX30
Cytogenetics:	7 B1
Gene Summary:	Involved in the anterograde traffic pathway from the endoplasmic reticulum to the plasma membrane and the organization of the Golgi architecture (PubMed:26077767). Plays a key role in targeting to neuronal dendrites receptors such as HTR1A (By similarity). [UniProtKB/Swiss-Prot Function]