

Product datasheet for MC211812

Yif1b (NM_001110201) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Yif1b (NM_001110201) 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: >MC211812 representing NM_001110201
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACGCGACAGGTTTGGCGGCGCCGGCGGGGACGCCCCGGCTGCCCTCAAAGCGGAGGGTCCCAGTGT
 CCCAACGAGCATGGCTGATCCCCACAGTTTTTGGATGACACGAGTTCTGCCCAAGCCGGGGCTATGG
 AGGCCAGCGTCACCTGGTGGTCTGGGTTACCCCCCTTTCATCCGACGCAGCCTTCTCGGCTGCCCT
 ATGTCCAACATGGCGATGGTCTACGGGAGCAGCCTGGCCGCTCAGGGCAAGGAGCTGGTAGATAAGAATA
 TCGACCGCTTATCCCCGTCAGCAAGCTCAAGTATTACTTTGCAGTGGACACGGTGTATGTGGGCAAGAA
 GCTTGGGCTGCTGGTCTTTCCCTACCTTACCAGGACTGGGAGGTACAGTACCAACAGGACACCCAGTG
 GCCCCCGCTTCGACATCAATGCTCCAGACCTCTACATCCAGCCATGGCTTTCATCACCTACATCTTGG
 TGGCCGGCCTTGCAGTGGGACCCAGGACAGGTTCTCCCAGACCTCCTGGGACTGCAGGCGAGCTCAGC
 TCTGGCCTGGCTGACTCTGGAAGTCGTAGCAATCCTGCTCAGTCTCTACCTGGTCACTGTCAACACCGAC
 CTCACCACATTGACCTGGTGGCCTTCTGGGCTACAAATATGTGGGATGATTGGCGGCGTCTCACGG
 GTCTGCTTTGGAAAGATCGGCTACTACCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GATCCGGACACTGCGGCTCAAGATCCTGGCCAGGCAGCGCCGAAGGAGTGCCAGTGCCGTGGGGCGCGG
 AACCGCTGCGCATGTACCTGACTATGGCAGTGGCAGCTGCGCAGCCGGTACTCATGTACTGGCTCACCT
 TCCACCTGTACGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110201
Insert Size: 927 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:	<u>NM_001110201.1</u> , <u>NP_001103671.1</u>
RefSeq Size:	1135 bp
RefSeq ORF:	927 bp
Locus ID:	77254
UniProt ID:	<u>Q9CX30</u>
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]