

Product datasheet for RN200127

Yif1b (NM_198734) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Yif1b (NM_198734) Rat Untagged Clone
Tag: Tag Free
Symbol: Yif1b
Synonyms: Yip1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200127 representing NM_198734
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACGCGACAGGTTTGGCGGCGCCGGCGGGGACGCCCCGGCTGCGTAAGTGGCCCTCAAAGCGGAGGG
 TCCAGTGTCCCAACCGGCATGGCTGATCCCCACAGTTTTTTGACGACAGAGTTCAGCCCCGAGCCG
 GGGCTATGGAGGCCAGCCATCACCTGGTAGCCTGGTTACCCACCTTTCATCGGAGGCAGCCTTCCTG
 GCTGCTCCTATGTCCAACATGGCGATGGCTACGGGAGCAGCCTGGCTGCTCAGGGCAAAGAGCTGGTAG
 ATAAGAATATCGACCGCTTCATCCCTGTGAGCAAGCTCAAGTATTACTTCGCCGTGGACACCGTGTACGT
 GGGCAAGAAGCTCGGACTGCTCGTCTTTCCCTACCTTCACCAGGACTGGGAGGTCCAGTACCAACAGGAC
 ACCCCCGTGGCGCCCGCTTTGACATCAATGCTCCAGACCTCTACATTCCAGCCATGGCTTTCATAACCT
 ACATCTTGGTGGCCGGCCTTGCACTGGGAGCCAGGACAGGTTCTCCCCAGACCTCCTGGGACTACAGGC
 GAGCTCGGCACTGGCTTGGCTGACTCTGGAAGTCGTAGCCATTCTGCTCAGTCTTACCTGGTCACTGTC
 AACACCGACCTTACCACCATTGACCTGGTGGCCTCTTGGGTTACAAATATGTGGGATGATTGGCGGGG
 TCCTCACAGGCTGCTCTTTGGGAAGATTGGCTACTACCTGGTGGCTGCTGGTGTGTCCATCTT
 TGTGTTTCATGATCCGGACTGCGGCTCAAGATCCTGGCCAGGACGCGCCGAAGGAGTGCCCGGTGCGC
 GGGGCTCGGAACAGCTGCGCATGTACTTGACTATGGCGGTGGCGGCTGCGCAGCCGGTACTCATGTACT
 GGCTCACCTTCCACCTTGTACGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198734
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_198734.2 , NP_942029.2
RefSeq Size:	1193 bp
RefSeq ORF:	936 bp
Locus ID:	292768
UniProt ID:	Q6PEC3
Cytogenetics:	1q21
Gene Summary:	Involved in the anterograde traffic pathway from the endoplasmic reticulum to the plasma membrane and the organization of the Golgi architecture (Probable). Plays a key role in targeting to neuronal dendrites receptors such as HTR1A (PubMed:18685031). [UniProtKB/Swiss-Prot Function]