

Product datasheet for **SC122516**

YIF1B (BC025257) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YIF1B (BC025257) Human Untagged Clone
Tag:	Tag Free
Symbol:	YIF1B
Synonyms:	9430029K10Rik; FinGER8; MGC130116; OTTMUSP00000030234; Yip1 interacting factor homolog B; Yip1 interacting factor homolog B (<i>S. cerevisiae</i>); Yip1b
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC025257 edited
 GAGCCTCCTTCTTCTTGCCTTCTCCTTCTTGCCTTCTCCTTCTTCACTTTGGGCT
 TCTTGGCCTTGCCCGGATGCTCTCGTGTCTTGGAGCCAGCAGCGTGGGACTGTGGG
 CCGAGGGCAGGGATGGGAGAGAAGATGGTTCTGGGCTGGAAGCGAGACAGGGGACCA
 CTCCCCGACCCCTCCCCGCCAGCCCAGTGCGGGACGCCTCTCTGGGTGCAGGGCAGC
 TGCTTGGGACGCTGGCAGAGAGCCCTTACCTTACATCCGTGTCCGAATCGCTGGAGCT
 GCTGTGGAGTCGGAAGAGCTGTGGTGTCTTGTGGATGGAGGTGCGGCAGTGAGGCGG
 CGCCCCCTTACCCAGCCCCCTGAAGTTGGAGGCCTAAGGCAGGACCCTGGGGTCAGGGCA
 ACCCCAGCCTTCCCGCCCTCCGCAGCCGGTATGAGGCGACTTACCTTTGACCCGGAC
 CTGCCCTGCCTCCGACCGGCCCTGAACTTTGTGGGACTGAGCTTGGATCTCCCCGT
 GGCCCGCCCCACACCGGCTTCTGGGAGTGGGCTCCAGGGCTGTGGAGAGAAGTTGGG
 TGGTTGGTGCAGGCAGCTTCTGGGCTTGTAGTCCGGCCCCCTGCACCTCCAGTCCACTC
 CCCAGGAGCTCACCTGCTCCCAGGTCGAACTCCATGGCGTAAGAGAAGTTGGGTCTAA
 GGCAAGGGCGCTGGGCCCTGCAGAGGAGCGGAGCAGGGGAGGAGCGTGAGACCTGC
 CCGTTGGAGGAATGCTGAGACGCCCCACCAACCTCTGTCTGGTCTCAGCCCTGACTC
 ATTGCCCGGACCCAGGATTTCTCTGTGAGAAGTGGGGGAGATGGACAGGTGACTG
 CTTCCGCCAGCCTTGGTGCCTCAGGGGAGGCCGACTGAGGGGGGCTCTGTGGATGGCATT
 CGGGGAGCTACAGGTTTCCCCAAAAGCTCAGATGCTCGTTCTTGAAGAGGGAGGTGCTG
 CCCCTGCCTTCTGCGTACCGGACAATACAGCTTCTCCGCGGCGCTTAAACACGCAGG
 GCGCTGCTGCCAGGGGCTCCCGTGTCTAACTCGCTCCACAGCCCCCTCCGGCTTGGTG
 AGCAGCGTCTGAGGGGTGAGGGGCATAGACTTGGAGCCAGCCTGCTGACTAGATGCCAG
 CTGTGTCACTTAGCAGCAAGGTGACCTCAGCAAAGTTGTTTTACCTCTGTGCCTCAGTTT
 CCTCATCTGTAATAACAGCTACCCATGGGATTGATGTGAAAGTCAGAGGAGTTAATTC
 CTAGAATGGTGTCTGGCATGAAGTACTGATAATGTGTTGGTTTTTTAAAAAATAAAAGGT
 AGGTGTTTTAGGCCAAA
 AAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC025257 unedited
 NATGTTTACATTTGTATACGACTCATATAGGGCGCCGCGATTCCGCACGAGGGAGCCTC
 CTTCTTCTTGCCCTTCTCCTTCTTGCCTTCTCCTTCTTCTTCACTTTGGGCTTCTTGGC
 CTTGCCCGGGATGCTCTCGTGTCTTGGAGCCAGCAGCGTGGGACTGTGGGGCCGAGGG
 CAGGGATGGGAGAGAAGATGGTTCTGGGCTGGAAGCGAGACAGGGGGACCACTCCCCG
 CACCCTCCCCGCCAGCCCCAGTGCGGGACGCCTCTCTGGGTGCAGGGCACGTGCTTGG
 GGACGCTGGCAGAGCCCTTACCTTACATCCGTGTCCGAATCGCTGGAGCTGTGCTG
 GAGTCGGAAGAGCTGTGGTGTCTTGTGGATGGAGGTGCGGCAGTGAGGCGGCGCCCT
 TACCCAGCCCCCTGAAGTTGGAGGCCTAAGGCAGGACCCTGGGGTCAGGGGCAACCCAG
 CCTTCCCGCCCCCTCCGCAGCCGGTATGAGGCGACTTACCTTTGGACCCGGACCTGCCCC
 TGCTCCGACCGCCCTGAACTTTGTGGGACTGAGCTTNGATCTCCCCGTGGCCCCG
 CCCACACCGGGCTTCTGAGAGGTGGGCTCCAGGGCTGTGGAGAGAAGTTGGGTGGGTTG
 GTGCAGGCAGCTTCTGGGCTTGTAGTCCGGCCCCCTGCACCTTCACTCCACTCCCCAGG
 AGCTCACCTGCTCCCAGGTCGAACTCCATGGGNCGTAGAGAAGTTGGGTCTATAGCCAA
 GGGCGCTGGGCCCTGCANATGATCGNACATGGNGAGGAGCGCTGAGACCTGCCGTTGG
 AGAATGCTGAGACGCCCCACCATCTCTGTCTGGTCTCAGCCCTGACTCATTGCCGNC
 C

Restriction Sites: Please inquire
ACCN: BC025257
Insert Size: 1456 bp

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:	BC025257.1 , AAH25257.1
RefSeq Size:	1456 bp
RefSeq ORF:	429 bp
Locus ID:	90522
Cytogenetics:	19q13.2
Protein Families:	Transmembrane
Gene Summary:	Involved in the anterograde traffic pathway from the endoplasmic reticulum to the plasma membrane and the organization of the Golgi architecture (By similarity). Plays a key role in targeting to neuronal dendrites receptors such as HTR1A (By similarity).[UniProtKB/Swiss-Prot Function]