OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC326549

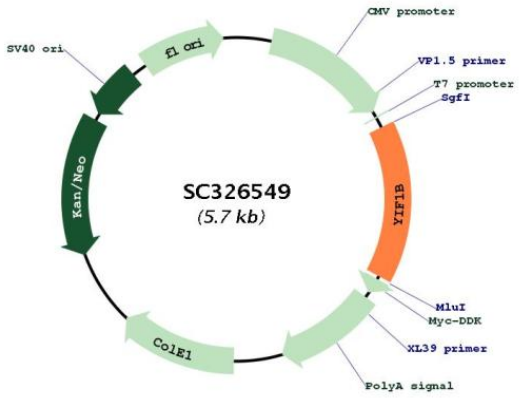
YIF1B (NM_001145463) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YIF1B (NM_001145463) Human Untagged Clone
Tag:	Tag Free
Symbol:	YIF1B
Synonyms:	FinGER8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326549 representing NM_001145463. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGCACCCGGCAGGCTTGGCGGCGGCGGCTGCGGGGACGCCCCGGCTGCCCTCGAAGCGGAGGATCCCT GTGTCCCAGCCGGGCATGGCCGACCCCCACCAGCTTTTCGATGACACAAGTTCAGCCCAGAGCCGGGGC TATGGGGCCCAGCGGGCACCTGGTGGCCTGAGTTATCCTGCAGCCTCTCCCACGCCCCATGCAGCCTTC CTGGCTGACCCGGTGTCCAACATGGCCATGGCCTATGGGAGCAGCCTGGCCGCGCAGGGCAAGGAGCTG GTGGATAAGAACATCGACCGCTTCATCCCCATCACCAAGCTCAAGTATTACTTTGCTGTGGACACCATG TATGTGGGCAGAAAGCTGGGCCTGCTGTTCTTCCCCTACCTACACCAGGACTGGGAAGTGCAGTACCAA CAGGACACCCCGGTGGCCCCCCGCTTTGACGTCAATGCCCCGGACCTCTACATTCCAGCAATGGCTTTC ATCACCTACGTTTTGGTGGCTGGTCTTGCGCTGGGGACCCAGGATAGGTTCTCCCCAGACCTCCTGGGG CTGCAAGCGAGCTCAGCCCTGGCCTGGCTGACCCTGGAGGTGCTGGCCATCCTGCTCAGCCTCTATCTG GTCACTGTCAACACCGACCTCACCACCATCGACCTGGTGGCCTTCTTGGGCTACAAATATGTCGGGATG ATTGGCGGGGTCCTCATGGGCCTGCTCTTCGGGAAGATTGGCTACTACCTGGTGCTGGGCTGGTGCTGC GTAGCCATCTTTGTGTTCATGTTTCCCCTTTTGCCGGGCGCGGTGGCTCATGCTTGTAATCCCAGCACT TTGGGAGGCCGAGGCGGTCGGATCACGAGATCCGGACGCTGCGGCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI

View online »

Plasmid Map:



ACCN:	NM_001145463
Insert Size:	876 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	NM_001145463.1
RefSeq Size:	2880 bp
RefSeq ORF:	876 bp

Locus ID:	90522
UniProt ID:	Q5BJH7
Cytogenetics:	19q13.2
Protein Families:	Transmembrane
MW:	31.2 kDa
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] Transcript Variant: This variant (7) uses an alternate in-frame splice site in the 5' coding region and includes an additional exon that results in a frameshift in the 3' coding region, compared to variant 5. The resulting isoform (7) lacks a 3-aa segment near the N-terminus and has a shorter and distinct C-terminus, compared to isoform 5. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.