

Product datasheet for **SC334986**

TBC1D13 (NM_001286772) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D13 (NM_001286772) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286772, the custom clone sequence may differ by one or more nucleotides

ATGTCAAGTCTGCACAAGAGCCGAATTGCAGATTTCCAGGATGTCCTGAAGGAGCCCTCAATTGCATTGG
 AAAAGCTGCGGGAACCTAGCTTTAGTGGCATCCCTGTGAGGGCGGACTGCGGTGCCTCTGCTGGAAGAT
 TCTCTTGAACCTCCCTTGGAGAGAGCCTCATGGACCTCCATCTGGCCAAGCAGAGGGAGCTGTAT
 GCCCAGTTCCTGAGGGAATGATCATCCAGCCTGGCATTGCCAAGGCCAACATGGGTGTGTCCAGGGAGG
 ATGTGACTTTTGGAGACCATCACTCAACCCCAACCCTGACAGCCGGTGGAAACACGTACTTCAAGGACAA
 CGAGGTGCTGCTGCAGATCGACAAAGATGTCCGGAGGTTGTGCCAGACATTTCTTCTCCAGAGGGCC
 ACTGACTACCTTGCCTCCTCATCTGGACCCCAAGAATGAGTTTGAAACCCTTCGTAAGAGAGTGGAAAC
 AGACAACACTGAAATCTCAGACGGTGGCCCGGAACCGGAGTGGGGTCACAAATCAAGAGCAGAACATCAA
 GCCTCAGTTCTTTGCCTTCCGCTGGCTGACACTGCTGCTGTCCAGGAGTTCTTGCTGCCTGACGTCATC
 CGCATCTGGGACTCCCTCTTCGCCGATGACAACCGCTTTGACTTCCTCCTCGTCTGCTGCGCCATGC
 TCATGCTGATCCGGGAGCAGTTGCTGGAAGGGGACTTCACTGTGAATATGCGGCTGCTGCAGGACTACCC
 CATCACAGATGTCTGCCAGATCTGCAGAAAGCCAAGGAGCTCCAAGACTCAAAGTAG

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286772
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).


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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_001286772.1](#), [NP_001273701.1](#)

RefSeq Size: 3544 bp

RefSeq ORF: 828 bp

Locus ID: 54662

UniProt ID: [Q9NVG8](#)

Cytogenetics: 9q34.11

Gene Summary: Acts as a GTPase-activating protein for RAB35. Together with RAB35 may be involved in regulation of insulin-induced glucose transporter SLC2A4/GLUT4 translocation to the plasma membrane in adipocytes.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) lacks two alternate exons that result in the loss of an in-frame segment in the 3' coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a.