

Product datasheet for **SC335561**

TBC1D14 (NM_001286805) Human Untagged Clone

Product data:

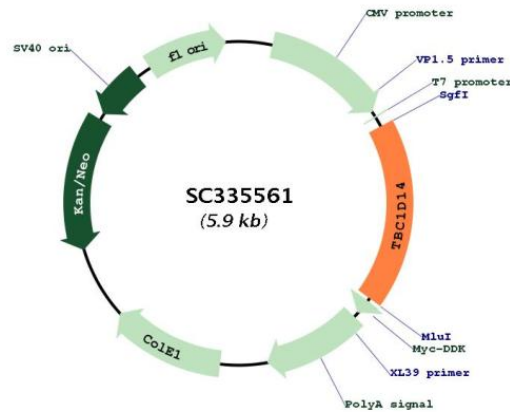
Product Type: Expression Plasmids
Product Name: TBC1D14 (NM_001286805) Human Untagged Clone
Tag: Tag Free
Symbol: TBC1D14
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC335561 representing NM_001286805.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGGTTCAGGCCAAAAAGCGAGAGCTGAAAGAAGCCAGCGAAGGAAGAAGCAGCTGGAAGAAAGA
TGCAGAGTCGAGGAAAGCATTGAAACGCTGTGCTCACCTGGAATAATGAGATCTTACCTAACTGGGAA
ACAATGTGGTGTCTAGAAAAGTTCGAGATTTATGGTGGCAGGGAATCCCTCCAAGTGTGAGAGGCCAAA
GTCTGGAGCTTAGCCATTGGCAACGAGTTAAATATCACCCACGAGCTCTTTGACATCTGTCTTGCCCGA
GCCAAGGAGAGGTGGCGGTCCCTTAGCACAGGAGGCTCTGAAGTGGAGAACGAAGATGCTGGTTTTTCA
GCAGCAGACAGAGAAGCCAGTCTGGAGCTTATTAACCTGGACATTCTAGAACATTTCTAACTCTCTGC
ATTTTCCAGCAAGGTGGTCCATATCATGACATGTTGCACAGTATTTGGGCGCTTATACTTGTACCGG
CCAGATGTGGGTTATGTCCAGGGCATGTCCTTCATAGCAGCAGTGTGATCTTGAACCTAGATACTGCA
GATGCCTTTATTGCCTTTTCTAACCTTCTGAATAAACCTGTCAAATGGCGTTTTTTAGAGTGGACCAT
GGCCTTATGTTGACTTATTTGCTGCATTTGAAGTATTCTTTGAAGAAAATTTGCCGAAATTTATTGCG
CATTTCAAGAAGAACAACCTAACCCAGATATCTACCTAATTGATTGGATCTTTACCTTATATAGTAAA
TCTCTGCCCTCGACCTGGCCTGTCGTATCTGGGACGTGTTCTGTGCGGATGGGGAAGAGTTCCTGTTC
CGCACGGCCCTGGGCATCTGAAGCTGTTGAGGACATCTGACCAAGATGGACTTCATTACATGGCC
CAGTTCCTGACCCGGCTGCCGAGGACCTGCCCGGAGGAGCTGTTTGCCTCCATCGCCACGATCCAG
ATGCAGAGCCGAAACAAGAAGTGGGCTCAGGACTGACTGCATTGCAGAAAGACGCCGGGAAATGGAG
AAGGGAAGTCCGTCCCTCCGACACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001286805

Insert Size: 1062 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:

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_001286805.1](#)

RefSeq Size: 4026 bp

RefSeq ORF: 1062 bp

Locus ID: 57533

UniProt ID: [Q9P2M4](#)

Cytogenetics: 4p16.1

MW: 40.8 kDa

Gene Summary: Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) lacks part of the 5' coding region, contains an alternate 5'-terminal exon, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) has a shorter N-terminus, compared to isoform a.