

Product datasheet for **SC335496**

G RTP1 (NM_001286732) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G RTP1 (NM_001286732) Human Untagged Clone
Tag:	Tag Free
Symbol:	G RTP1
Synonyms:	TBC1D6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335496 representing NM_001286732. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCAGCCCGCCGAGCGCTCGGGGTCCCCAGGATCGACCGTACGGATTCGAGCGGCCTGAGGACTTC
 GACGACGCCGCTACGAGAAGTTTTCTCCAGCTACCTGGTCACGCTCACCCGCAGGGCGATCAAATGG
 TCCCGGTGCTGCAGGGCGGGGCGTCCCCAGGAGCCGGACAGTGAAGCGCTATGTCCGAAAGGGGTC
 CCGCTGGAGCACCGTGCCCGCTCTGGATGGTGTGAGTGGGGCCAGGCGCAGATGGACCAGAATCCC
 GGCTACTACCACAGCTTCTCCAGGAGAGAGAAACCCAGGCTGGAGGACGCCATCAGGACAGACCTG
 AACCGGACCTTCCCCGACAACGTGAAGTTCGGAAGACCACGGACCCCTGCTTACAGAGGACCTGTAC
 AATGTGCTGCTGGCATATGGGCACCATAACCAGGAGTGGGCTACTGCCAGGGAATGAATTTATAGCA
 GGATATCTGATTCTTATAACAAATGAAGAAGAATCTTTTGGCTGTTAGATGCTCTTGTGGAAGA
 ATACTACCAGATTACTACAGCCCGGCCATGCTGGGCCTGAAGACCGACAGGAGGTCTCGGGGAGCTG
 GTGCGGGCGAAGCTGCCGGCTGTGGGGCCCTGATGGAGCGTCTCGGTGTGCTGTGGACGCTGCTGGTG
 TCCCGCTGGTTCATCTGCCTGTTTGTGGACATCTTCCCGTGGAGACAGTGTTCGGATCTGGGACTGT
 TTGTTTAACGAAGGCTCGAAGATTATCTCCGGGTGGCCCTGACCTTAATTAAGCAGCACCAGGAGTTG
 ATTTTGAAGCCACCAGCGTTCCAGACATTTGCGATAAGTTTAAGCAGATAACCAAAGGGAGTTTCGTG
 ATGGAGTGTACACGTTTATGCAGGTGTGTGGGCTGCAGTGGCTCAGTCCCTCCCAGGGGGCCCCG
 CCTCACCTGCAGCCCGGGGCTGCTCTGACCACCCGGAGGGTGCACAGGACGGGACCAAGTGGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001286732


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Insert Size:	1035 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_001286732.1
RefSeq Size:	1849 bp
RefSeq ORF:	1035 bp
Locus ID:	79774
UniProt ID:	Q5TC63
Cytogenetics:	13q34
MW:	39.1 kDa
Gene Summary:	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks a 3' coding exon and its 3' terminal exon extends past a splice site that is used in variant 1, resulting in a distinct 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a distinct C-terminus and is longer than isoform 1.