

Product datasheet for **SC334699**

G RTP1 (NM_001286733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G RTP1 (NM_001286733) 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:	>NCBI ORF sequence for NM_001286733, the custom clone sequence may differ by one or more nucleotides

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ATGCAGCCCGCCGAGCGCTCGCGGGTCCCCAGGATCGACCCGTACGGATTGAGCGGCCTGAGGACTTCG
ACGACGCCGCTACGAGAAGTTTTCTCCAGCTACCTGGTACGCTCACCCGCAGGGCGATCAAATGGTC
CCGGCTGCTGCAGGGCGGGGGCGTCCCCAGGAGCCGGACAGTGAAGCGCTATGTCCGAAAGGGTCCCC
CTGGAGCACCGTCCCGCGTCTGGATGGTGTGAGTGGGGCCAGGCGCAGATGGACCAGAATCCCGGT
ACTACCACGCTTCTCCAGGGAGAGAAAACCCAGGCTGGAGGACGCCATCAGGACAGACCTGAACCG
GACCTTCCCCGACAACGTGAAGTCCGGAAGACCAGGACCCCTGCTTACAGAGGACCCTGTACAATGTG
CTGCTGGCATATGGGCACCATAACCAGGGAGTGGGCTACTGCCAGGGAATGAATTTTATAGCAGGATATC
TGATTCTTATACAAATAATGAAGAAGAATCTTTTGGCTGTTAGATGCTTGTGGAAGAATACTACC
AGAAAATATTTTCAGAACCTGGAAGCTTATCCATGGCCACCGTCGCAAGCTCCGCGAGAGCTGCAGGGC
CCGGCTGCTGGCACAGGGGTGAGCGTGCCTGTCCCTGCGTTGCTCGTCTCTACACTGACGATGCCCTT
TCCAGAGTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286733
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).



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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:	<u>NM_001286733.1, NP_001273662.1</u>
RefSeq Size:	1073 bp
RefSeq ORF:	711 bp
Locus ID:	79774
UniProt ID:	<u>Q5TC63</u>
Cytogenetics:	13q34
Gene Summary:	<p>May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two alternate exons in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.</p>