

Product datasheet for **SC337165**

TAGAP (NM_001278733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAGAP (NM_001278733) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAGAP
Synonyms:	ARHGAP47; FKSG15; IDDM21; TAGAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

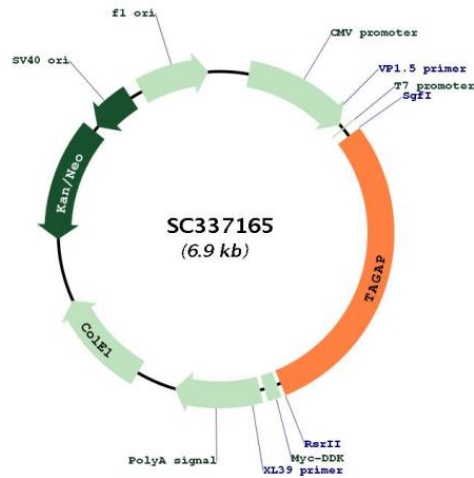


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Fully Sequenced ORF: >SC337165 representing NM_001278733.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGAAGGCTCTCCCTGCATCAGATTTTTCTGGGCTTTGGAGACAGACTTGAAGCATCGCTATTT
GATCAGCCCTTGTAATTATCTGCGGTGACAGTGACACACTCCCAGACCCATCCAGGACATTCTCACT
ATTCTATGCCTTAAAGGCCCTTCAACGGAAGGGATATTCAGGAGAGCAGCCAACGAGAAAGCCCGTAAG
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CCTGCTACCACGTAGAGGACTCAAGACACAGGGCAGCAAAGAGCCACTCCCTGGCCACGACTCTCT
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TGTCTCGTGCAGCATGTAGCCAGCCGGTCTTTGAGGCTGACCAATCCAATATGCCAAAGAATCGTAT
ATTAG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII

Plasmid Map:


ACCN: NM_001278733

Insert Size: 2007 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_001278733.1](#)

RefSeq Size: 3516 bp

RefSeq ORF: 2007 bp

Locus ID: 117289

UniProt ID: [Q8N103](#)

Cytogenetics: 6q25.3

MW: 73.5 kDa

Gene Summary:

This gene encodes a member of the Rho GTPase-activator protein superfamily. The encoded protein may function as a Rho GTPase-activating protein. Alterations in this gene may be associated with several diseases, including rheumatoid arthritis, celiac disease, and multiple sclerosis. Alternate splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (4) uses an alternate 5'-most exon, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 2. The encoded isoform (d) has a shorter N-terminus, compared to isoform b. 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.