

Product datasheet for **SC306988**

RASGEF1C (NM_175062) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASGEF1C (NM_175062) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASGEF1C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306988 representing NM_175062. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGCCACAGACGCTGAGTGCCTCCGACATGGTCACCCCAGGCAGCCTCAGCCACCCCCACCGAGCCC
ACAGATGGCGAACAGGCTGGGCAGCCCCCTCTGGATGGAGCGCCATCCTCAGCCTCCCTGGAAACACTG
ATCCAGCACCTGGTGCCACAGCCGACTACTACCCCGAGAAAGCCTACATCTTACCTTCTGCTGAGC
TCTCGCTCTTCATCGAGCCCCGGGAGCTCCTGGCCCGGGTCTGCCACCTGTGCATCGAGCAGCAGCAG
CTGGACAAGCCGGTGTGGACAAGGCCCGGGTCCGGAAGTTCGGCCCCAACTGCTGCAGCTGTTGGCC
GAGTGGACCGAGACCTTCCCAAGGGACTTCCAGGAAGAGTCGACTATCGGGCACCTTAAGGACGTCGTG
GGCCGCATCGCCCCCTGTGACGAGGCATACCGGAAGAGGATGCATCAGCTCCTACAGGCTCTGCACCAG
AAGCTGGCGGCTCTGCGCCAGGGGCCAGAAGGTCTGGTGGGTGCCGACAAGCCCATCTCCTACAGGACC
AAGCCACCAGCCTCCATCCACAGGGAGCTCCTTGGTGTCTGCAGCGACCCCTACACACTGGCCAGCAG
CTGACCCACGTGGAAGTGGAGCGGCTGCGGCACATCGGGCCTGAGGAGTTTGTCCAGGCCTTTGTGAAC
AAGGACCCTCTGGCCAGCACAAGCCCTGCTTCAGTGACAAGACCAGCAACCTGGAGGCTTATGTGAAA
TGGTTCAACAGGCTGTGCTACCTGGTGGCAACTGAGATCTGCATGCCAGCCAAGAAGAAGCAGAGGGCC
CAGGTGATTGAGTTCTTCATCGACGTGGCCCGCAGTGCTTCAACATCGGCAACTTCAACTCCCTCATG
GCCATCATCTCCGCATGAACATGAGCCCTGTCTCCAGGCTGAAGAAGACCTGGGCCAAAGTGAGGACG
GCCAAGTTTTTCATCCTCGAGCACCAGATGGACCAACCGGGAATTTCTGCAACTACAGGACAGCCCTG
CGCGGGGCGGCCACCGCTCCCTGACGGCCACAGCAGCCGAGAGAAGATTGTCAATTCCTTTCTTCAGC
CTGCTCATCAAAGACATCTACTTCTGAATGAGGGCTGCGCCAACCGCCTTCCAATGGACACGTCAAC
TTTGAGAAATTCCTGGAGCTGGCCAAGCAGGTGGGGGAGTTTCATACCTGGAAACAAGTGGAGTGTCCC
TTCGAGCAAGACGCCAGCATACCCACTACCTGTACACCGCCCCCATCTTCAGTGAGGATGGTCTTTAT
TTGGCTTCTTACGAAAGTGAGAGCCAGAGAACCAACAGAAAAAGAAAGATGGAAGCTCTAAGATCT
TCTATTTTGGGAAGACATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_175062
Insert Size:	1401 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_175062.3</u>
RefSeq Size:	2216 bp
RefSeq ORF:	1401 bp
Locus ID:	255426
UniProt ID:	<u>Q8N431</u>
Cytogenetics:	5q35.3
MW:	52.9 kDa
Gene Summary:	Guanine nucleotide exchange factor (GEF).[UniProtKB/Swiss-Prot Function]