

Product datasheet for SC330929

RAP2C (NM_001271187) Human Untagged Clone

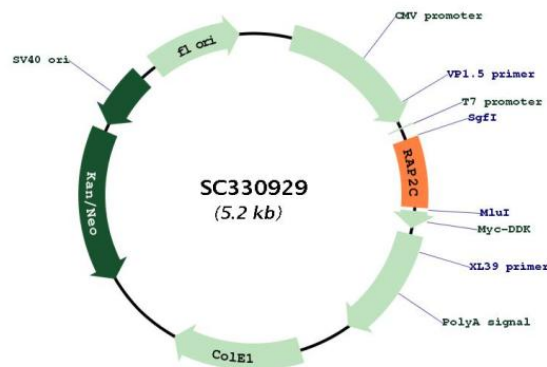
Product data:

Product Type: Expression Plasmids
 Product Name: RAP2C (NM_001271187) Human Untagged Clone
 Tag: Tag Free
 Symbol: RAP2C
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC330929 representing NM_001271187.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGAGATCTCTACATCAAAAACGGCCAAGGTTTCATCCTGGTTTATAGCCTGGTTAATCAACAGTCT
 TTTTCAGGATATCAAGCCAATGAGAGATCAAATTGTCAGAGTGAAGAGATATGAAAAAGTCCCCTAATC
 CTAGTAGGAAATAAAGTGGATCTGGAACCAGAAAGAGAGGTTATGTCTTCAGAAGGCAGAGCTCTGGCT
 CAAGAAATGGGGCTGTCTTTTCATGGAGACATCGGCAAAAAGTAAATCAATGGTGGATGAACCTTTTGTCT
 GAGATCGTCAGGCAAATGAACATTCATCCCTGCCGAGAAGCAAGATCAGTGTTGTACAACCTTGTGTC
 GTCCAGTAA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001271187

Insert Size: 354 bp



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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:	<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_001271187.1</u>
RefSeq Size:	3341 bp
RefSeq ORF:	354 bp
Locus ID:	57826
UniProt ID:	<u>Q9Y3L5</u>
Cytogenetics:	Xq26.2
Protein Families:	Druggable Genome
MW:	13.5 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the Ras-related protein subfamily of the Ras GTPase superfamily. Members of this family are small GTPases that act as molecular switches to regulate cellular proliferation, differentiation, and apoptosis. This protein has been reported to activate in vitro transcriptional activity of the serum response element. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]</p> <p>Transcript Variant: This variant (3) uses an alternate 5' structure, compared to variant 1. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus, compared to isoform 1.</p>