

Product datasheet for SC302619

RCE1 (NM_001032279) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RCE1 (NM_001032279) Human Untagged Clone
Tag:	Tag Free
Symbol:	RCE1
Synonyms:	FACE2; RCE1A; RCE1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302619 representing NM_001032279. Blue=Insert sequence Red=Cloning site Green=Tag(s)

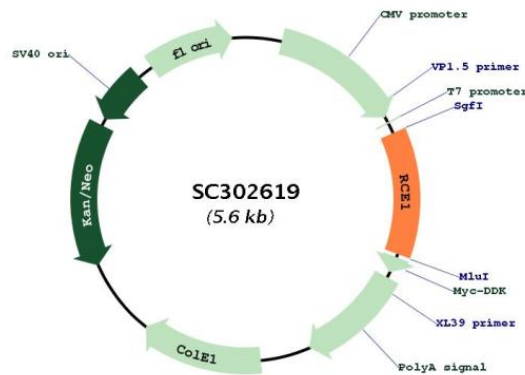
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCTTCAGGCTGGAGGGCATTTTCCAGCGCGCTGCTGCCCTGTTGCTGACCATGATTCTTTTC
CTGGGCCCACTGATGCAGCTCTCTATGGATTGCCCTTGTGACCTGGCAGATGGGCTGAAGTTGTCCTG
GCCCCCGCTCCTGGGCCGCTGCCTCACAGACATGCGTTGGCTGCGGAACCAAGTATCGCCCCGCTG
ACAGAGGAGCTGGTGTCCGGGCCTGTATGCTGCCATGTTAGCACCGTGCATGGCCTGGGCCCTGCT
GTGTTACCTGCCGCTTTTTTGGAGTTGCCATTTTACCATATTATTGAGCAGCTGCGTTTCCGC
CAGAGCAGCGTGGGAACATCTTCTGTCTGCTGCGTTCCAGTTCTCTACACAGCTGTCTCGGTGCC
TACACTGCTTTTCTTCCATCCGCACAGGACACCTGATTGGGCCGTTTCTGCCATTCTTCTGCAAT
TACATGGGTTTCCAGCTGTTTGCAGCGCCTTGGAGCACCCACAGAGCGGCCCTGCTGGCAGGCTAT
GCCCTGGGTGTGGGACTCTTCTGCTTCTGCTCCAGCCCCTACGGACCCCAAGCTCTACGGCAGCCTT
CCCCTTTGTGTCTTTTGGAGCGGGCAGGGGACTCAGAGGCTCCCCTGTGCTCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001032279

Insert Size: 678 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: [NM_001032279.1](#)

RefSeq Size: 1485 bp

RefSeq ORF: 678 bp

Locus ID: 9986

UniProt ID: [Q9Y256](#)

Cytogenetics: 11q13.2

Protein Families: Protease, Transmembrane

MW: 24.8 kDa

Gene Summary: This gene encodes an integral membrane protein which is classified as a member of the metalloproteinase family. This enzyme is thought to function in the maintenance and processing of CAAX-type prenylated proteins. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant uses an alternate splice site in the 5' coding region, compared to variant 1. This difference results in translation initiation at a downstream ATG and an isoform (2) with a shorter N-terminus compared to isoform 1.