

Product datasheet for **RN209830**

Rce1 (NM_001100585) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rce1 (NM_001100585) Rat Untagged Clone
Tag: Tag Free
Symbol: Rce1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209830 representing NM_001100585
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGGCGCTGGGCGGGGACGGGCTGCGTTTACTGTGCGTATCGCGGCCAGAGCGGCAGCCCGAGTCAG
CCGCGTTGAGCAGCCCGGGCCAGGGCTGTGCTGCTGGGTGTCTGTGTTCTCCTGCTTCAGCCTCGCCTG
CTCCTACGTGGCAGCCTCTACGTGTGGAAGAGCGAGCTGCCAGGGACCACCCCGTGTATCAAGCGG
CGTTTCACCAAGTCTCTGGTAGTATCGAGCTTGTCCCACTTTGCGTGCTGCTCTGGAGGGAACACTG
GCATCCAGCCAGGCACATCACTGCTTACCTTGATGGGCTTCAGGCTGGAGGGCATTTCAGCAGCTCT
GCTGCCCTGCTGCTAACTATGATCCTTTTCTGGGTCCACTGATGCAGCTCTGTATGGATTGCCCGTGT
GACCTGACAGATGGGCTGAAGGTTGCTCTGGCCCTCGTTCCTGGGCCCGCCGCTCACAGACATGCGCT
GGCTACGAAACCAAGTTATAGCACCTTGACAGAGGAGCTGGTGTCCGGGCTTGTATGCTGCCATGCT
AGCACCATGCACAGGTCTGGCCCTGCTGTGTTACCTGCCACTGTTTTTGGAGTCGCCATTTTCAC
CACATTATTGAGCAGCTGCGCTTCGCCAAAGCAGTGTGGGAAGTATCTTCTGTCTGCAGCGTTCCAGT
TCTCCTACACCGCTGCTTCGGTCTTATACGGCTTTCCTCTTCATCCGCACAGGACACCTGATAGGGCC
GGTTCTCTGCCACTCCTTCTGCAACTACATGGGCTTCCCTGCTGTGTGTGCAGCCCTGGAGCATCCACAG
AAGTGGCCACTGCTGGCGGGCTATGCCCTTGGTGTGGGACTCTTCTGCTTCAACCCCTGACAG
ACCCCAAGCTCTATGGCAGCCTTCTCTTTGTATGCTTTTGAACGAACGGGGCCCTCAGAGACCCTACT
GTGCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100585
Insert Size: 990 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_001100585.1</u> , <u>NP_001094055.1</u>
RefSeq Size:	1443 bp
RefSeq ORF:	990 bp
Locus ID:	309153
UniProt ID:	<u>B0BMW8</u>
Cytogenetics:	1q43
Gene Summary:	Proteolytically removes the C-terminal three residues of farnesylated and geranylated proteins. Seems to be able to process K-Ras, N-Ras, H-Ras, RAP1B and G-gamma-1 (By similarity).[UniProtKB/Swiss-Prot Function]