

## Product datasheet for **RR209830**

### Rce1 (NM\_001100585) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rce1 (NM\_001100585) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rce1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR209830 representing NM\_001100585  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGCGGCGCTGGGCGGGACGGGCTGCGTTTACTGTGCGTATCGCGCCAGAGCGGCAGCCCGAGTCAG  
 CCGCGTTGAGCAGCCCGGGCCAGGGCTGTGCTGCTGGGTGTCTGTGTTCTCTGCTTCAGCCTCGCCTG  
 CTCTACGTGGCAGCCTCTACGTGTGGAAGAGCGAGCTGCCAGGGACCACCCGCTGTTATCAAGCGG  
 CGTTTCACCAAGTGTCTGGTAGTATCGAGCTTGTCCCACTTTGCGTGCTGCTCTGGAGGGAACACTG  
 GCATCCAGCCAGGCACATCACTGCTTACCTTGATGGGCTTCAGGCTGGAGGGCATTTCAGCAGCTCT  
 GCTGCCCTGCTGCTAACTATGATCCTTTCTGGGTCCACTGATGCAGCTCTGTATGGATTGCCCGTGT  
 GACCTGACAGATGGGCTGAAGGTTGCTCGCCCTCGTTCTGGGCCCGCCGCTCACAGACATGCGCT  
 GGCTACGAAACCAAGTTATAGCACCTTGACAGAGGAGCTGGTGTCCGGGCTTGTATGCTGCCATGCT  
 AGCACCATGCACAGGTCTGGCCCTGCTGTGTTACCTGCCACTGTTTTTGGAGTCGCCATTTTCAC  
 CACATTATTGAGCAGCTGCGCTTCGCCAAAGCAGTGTGGGAAGTATCTTCTGTCTGCAGGTTCCAGT  
 TCTCTACACCGCTGTCTCGGTGCTTATACGGCTTTCCTCTTCATCCGCACAGGACACCTGATAGGGCC  
 GGTTCCTGCCACTCCTTCTGCAACTACATGGGCTTCCCTGCTGTGTGTGCAGCCCTGGAGCATCCACAG  
 AAGTGGCCACTGTGGCGGGCTATGCCCTTGGTGTGGGACTCTTCTGCTTCAACCCCTGACAG  
 ACCCAAGCTCTATGGCAGCCTTCTCTTTGTATGCTTTTGAACGAACGGGGCCCTCAGAGACCCTACT  
 GTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR209830 representing NM\_001100585  
 Red=Cloning site Green=Tags(s)

MAALGGDGLRLLSVSRPERQPESAALSSPGPGLCCWVSFSCFSLACSYVGSLYVWKSELPRDHPAVIKR  
 RFTSVLVVSSL SPLCVLLWREL TGIQPGTSL TLMGFRLEGI FPAALLPLLL TMILFLGPLMQLCMDPC  
 DLT DGLKVV LAPRSWARRL TDMRWLRNQVIAPL TEELVFRACMLPMLAPCTGLGPAVFTCP LFFGVAHFH  
 HIIEQLRFRQSSVGSIFLSAAFQFSYTA VFGAYTAF LF IRTGHL IGPVLCHSFCNYMGFP AVCAALEHPQ  
 KWPLL AGYALGVGL FLLL LQPL TDPKLYGSL PLCMLLERTGASE TLLCS

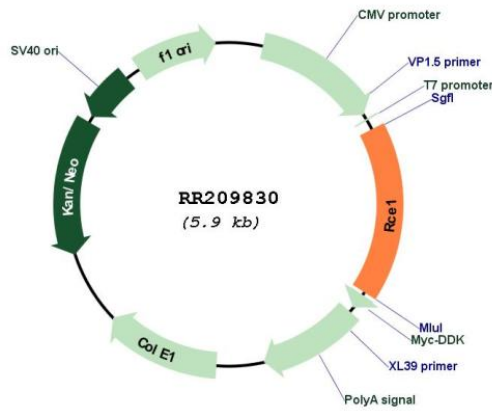
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001100585

<b>ORF Size:</b>	987 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001100585.1</a> , <a href="#">NP_001094055.1</a>
<b>RefSeq Size:</b>	1443 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	309153
<b>UniProt ID:</b>	<a href="#">B0BMW8</a>
<b>Cytogenetics:</b>	1q43
<b>MW:</b>	36 kDa
<b>Gene Summary:</b>	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]