

Product datasheet for **RN215369**

Rcvrn (NM_080901) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcvrn (NM_080901) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rcvrn
Synonyms:	Rcv1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215369 representing NM_080901 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGAATAGCAAGAGTGGGGCCCTGTCCAAGGAGATCCTGGAGGAGTGCAGCTGAACACTAAGTTCA
CAGAGGAGGAGCTGAGCGCCTGGTACCAGTCTTCTGAAGGAGTGTCTAGTGGCCGCATCACGGGCA
GGAGTTCGAAAGTATCTATTCCAAGTTCTTCCGACTCCGACCCTAAGGCCTACGCCCAGCACGTGTTCCGAGCTTCGATGCCAACAGCGATGGTACGCTGGACTTCAAGGAGTATGTGATCGCTCTGCACATGACCA
CGGCGGGCAAGCCACGCAGAAGCTCGAGTGGGCCTTCTCGCTCTACGACGTAGACGGCAATGGGACCAT
CAGCAAGAATGAAGTGTGGAGATCGTCATGGCTATTTTCAAATGATCAAGCCTGAGGATGTGAAGAAC
CTCCCAGATGATGAAAACACCCAGAGAAGCGGGCTGAGAAGATCTGGGCGTCTTTGGAAAAAAGATG
ATGATAAACTTACAGAGGAGGAATTCATCGAGGGGACCCGGCCAATAAGGAAATCTGCGACTGATCCA
GTTTGAACCTCAAAAAGTGAAGGAGAGGATAAAGGAAAAGAAACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080901
Insert Size:	609 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).



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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_080901.1, NP_543177.1</u>
RefSeq Size:	861 bp
RefSeq ORF:	609 bp
Locus ID:	140936
Cytogenetics:	10q24
Gene Summary:	member of the recoverin family of neuronal calcium sensors; may be involved in phototransduction [RGD, Feb 2006]