

Product datasheet for **RN202336**

Rpgr (NM_001127601) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpgr (NM_001127601) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpgr
Synonyms:	MGC187915
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202336 representing NM_001127601
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCAAGAGGGTCGCGATGGGGAACCGGGGGCTAGGGCAGTACCTTAGGCCAATCGAGTCGCCCTG
 CTGTCTTCCGAAGCAGGCACAGATTCCGTTTCGCAGCCTTCGGCATGGCAGAACCCTGAGTATTGGTGCC
 TGATACGGGTGCTGTATTTACATTTGAAAAAATAAATTTGCTGAAAAATTCTAGCAAAATCTGGTTT
 AAAAATGACGTACCCATATGTCTTTCATGTGGAGATGAACATACTGCTATTGTTACAGGAAATAATAAAT
 TGTACATGTTTGGCAGTAAACACTGGGGCCAGTTAGGATTAGGATCAAAATCAGCTATCAGCAAGCCAAC
 ATGTATCAAAGCTCTTAAGCCTGAAAAGGTGAACTTGTGCGTGTGGAAGAAACCATACCTTAGTTTCA
 ACAGATACTGGTGTATATGCAGCTGGTGGAAATAATGAAGGCCAATTGGGGCTTGGTGACACTGATG
 ACAGAGATACCTTTCATCAAATTTGGCTTCTTACACCTAGTGATATCATTAAACAGCTCTCTGCTGGTGC
 TAATACATCAGCTGCTCTAACTGAGGATGAAAACCTTTTTATGTGGGGAGACAATTCTGAAGGGCAGATC
 GGTGTTGAAAAATAAAAGTAATGTATGTATCCCTCACGAAGTGACTGTCCGTAAGCCAATTCATGGATCT
 CCTGTGGATATTACCATTGAGCTTTTGTAAACAACGGATGGGGAGCTGTACACATTTGGAGAACCTGAGAA
 TGGAAAGTTGGGCCTTCCAACCCAGCTGCTGATCAATCACAGATCTCCCAGCGTGTGCTGGGGATTCTT
 GACAAGGTGATTCAAGTAGCGTGTGGTGGAGGGCACACTGTGGTTCTCACAGAGAAAAGTTGTGTATGCC
 TTGGGCTGGGACAGTTTGGACAACCTGGGCCTTGGCACTTTTCTTTTTGAAACTTCAGAACCCAAAATCAT
 TGATCGTATAAGGATCAGAAAAAAGTCATATTTCTGTGGAGAAAACCATACAGCTTTGATGACAGAT
 ATAGGCCCTTATGTATACTTTTGGAGACGGACGGCATGAAAAATTAGGGCTTGAATGGAGAATTTTACCA
 ATCAGTTCTTCCCTACTTTGTGCTCTAATTTTTGAAATTTACAGTTCAATTGATTGCTGTGGTGGATG
 TCACATGCTAGTTTTTGGCACTCCACGACTTGGTACAATAGACGAAACTGAATTTGAAGAAGTATATGAG
 CCTTATATGAGTACAGGTTCTTTGTCCATCAATGATCTCTCCCCAGGAAGTTCTCTGAATAGATCTTTAT
 CAGCGCTCTGAGACGAAGAGAGCGGGAGAGACCTCATGCTCTGCTTCAATGGTGGAAACTGCCTCC
 ATTAGAGGGGACTTCTGCCTCCACTTCAGCTTCTTATTTTTCCCCAGTTCAATCCCCTTCCGTTTGTCT
 GTGAATAACTACCCAGAGAAAAGCACCTCTGACTCCACGGAGCCGCTGGACTCAGATTATTTTGAAGATA
 AAATGAACAAAGAGACAGAGACAGAAAAATCTTCAGCAGTGGATTTAGAAAACCTTGGTGAACCATTTGA
 TATCTTAAATATGATTCCTCACTTTCAGAAAGTGTGAAACCAGAAGCAGAAGGCATGGATGAGCAAAT
 AGTGTCCCAAATGTAGAAGACACTGTAGAAGAAGGGAAGAAAGAAAGGAGACTGTAGAAGAAGGAA
 GTCTACCTGAGGATGCCCTTCTGAAACAGAAGGCTCCGAAACTGTGTTCTCTGCTGATGAGAAGCCAGC
 TGAGATGGTTAAAGAGGAAAACAGTGCCAGCCTTCTGCAACGGAACCTTCGTGAGTACAATGAAAATCCA
 AAAGGACACATGTATGACCGAGTAAAGAGCAGCTCTTCAGAAATCTGGGAGGTAATGAACCAACAAGTA
 AAGACATAAAAAAGGCTAAAAAACCTTTTTCTCCCTTGCATTTTATGATTTCTTCTTTAATCGGATGTCA
 TTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127601

Insert Size: 2034 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).

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_001127601.1, NP_001121073.1</u>
RefSeq Size:	2696 bp
RefSeq ORF:	2034 bp
Locus ID:	367733
Cytogenetics:	Xq12