

Product datasheet for **RN214800**

Grp2 (NM_001034944) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Grp2 (NM_001034944) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Grp2
 Synonyms: MGC125066
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN214800 representing NM_001034944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCTATTGCCAAGTTCGATTTTCATGGCCTCGGGTGAAGACGAATTGAGCTTTCACACTGGAGATA
 TTCTGAAGATCCTAAGCAACCAGGAGGAGTGGCTCAAGGCGGAGCTTGAAGCCAAGAAGGATATGTGCC
 TAAGAATTTTATAGATATCAAGTTTCCTGAGTGGTTCCATGAAGGCTCTCTCGACATCAGGCAGAAAAC
 TTAATCATGGGCAAGAAATTGGATTCTTCGTCATCAGGGCCAGTCAGAGTTCACCAGGAGACTTCTCCA
 TCTCTGTGAGGATGAGGACGATGTTTCAGCACTTCAAAGTCATGCGAGACACCAAGGGCAATTACTTCTCT
 GTGGACTGAGAAGTTCCCATCCCTAAATAAGCTGGTGGACTACTACCGGACAACCTCCATCTCCAACAG
 AAGCAGATCTTCTTCGGGATGGAACCAAGATCAGCAGGGTCACCGGGCAACAGCCTGGACAGGAGAA
 CCCAGGGAGGCCCTCCAGGGAGGTTCCAAGTGGGACCGCAGGAGAAGAAATCCGACCCTTGATGAACCG
 GAAGCTGTCAGACCACCTTCTCTGGGTACCCAGCAGTTCACCCGCACCAGCAACTGCCCCCCAGTTC
 CCACCAGGGCCCCAGCCCCCTCCACAGCAGCGCTATCTGCAGCATTTTCACCAGGACCGTCTGAGGCA
 GCCTGGACATAAACGATGGACACCTCGGCATTGGCAGTGAGATGAATGCCACCCTGATGCACCGGAGACA
 TACAGACCCCGTACAACCTCCAGGCGGCAGGCGAGTGCCTGGCCAGGGCACTCTATGACTTTGAGGCC
 CTGGAGGAAGATGAGCTGGGGCTCAGAAGTGGAGAGGTGGTCAAGTCTGGACAGCTCCAACCCGCTCT
 GGTGGACCGGCCCTGCACAACAACTGGGTCTCTCCCTGCCAACTATGTGGCCCCATGATGCGATG
 A

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001034944



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Insert Size:	981 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_001034944.1</u> , <u>NP_001030116.1</u>
RefSeq Size:	1288 bp
RefSeq ORF:	981 bp
Locus ID:	366962
Cytogenetics:	7q34