

Product datasheet for **RN201715**

Gas2 (NM_001127504) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gas2 (NM_001127504) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gas2
 Synonyms: RGD1563167
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN201715 representing NM_001127504
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGTGCACTGCCCTGAGCCCCAAGGTCCGCAGCGGACCTGGCCTGTCTGATATGCATCAGTACAGCC
 AGTGGCTGGCCAGCAGACACGAAGCTAATTTGCTGCCGATGAAAGAAGACTTGGCCTTGTGGTTAACCA
 TCTATTAGGAAAAGAGATAACAGCAGAAACCTTCATGGAGAAGTTGGATAATGGCGCCTTGTCTGTGAG
 CTTGCAGCAACGGTGCAGGAGAAATCAAAGAGAGCATGGATACCAACAAGCCTGCCAAGACCCTACCAC
 TGAAGAAGATTCTTGCAAAGCAAGTGCACCCTCGGGCTCCTTTTTTGCCCGAGACAACACAGCCAATTT
 CCTCTCCTGGTCCGAGATTTGGGAGTTGACGAAACGTGTCTTTTTGAATCTGAAGGCCTGGTTCTGCAT
 AAGCAGCCCCGAGAAGTGTGTCTCTGTTTGTAGAGCTTGGTCCGATTGCAGCCAGGATGGTGTGGAGC
 CTCCTGGTCTGATAAAGCTGAAAAAGAAATTGAACAAGAAGAGACACTTCTGCCCATCTCCTTCGCC
 TTCTCCTCATCAAAGTCTTCAGGGAAGAAGAGTACTGAAACCTACTGGATGATGCAGTAAAAAGAATC
 TCTGAAGATCCTCCCTGCAAATGCCAACAAGTTCTGCGTGGAGCGACTCTCAAGTCGATACCCGAG
 TGGGAGAGAAGATCCTCTTCATCAGGATGCTGCACAACAAGCATGTGATGGTCCGTGTGGGAGGAGCTG
 GGAGACCTTTCAGGCTACCTGCTGAAGCATGACCCCTGCCGATGCTGCAGATCTCCCGTGTGGACGGC
 AAGACATCCCCTGTCCAGAGCAAATCCCAACCCTGAAGGACATGAACCCAGATAATTACCTGGTGGTCT
 CTGCCACCTACAAGGCTAAGAAGGAGATTAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001127504
 Insert Size: 945 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_001127504.1</u> , <u>NP_001120976.1</u>
RefSeq Size:	2056 bp
RefSeq ORF:	945 bp
Locus ID:	499156
Cytogenetics:	1q22