

Product datasheet for **RN215013**

RGD1560556 (NM_001108983) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1560556 (NM_001108983) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1560556
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215013 representing NM_001108983
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGTCCACCATCCCAAGCACTTCGGACTGACAGCCAGAGATGAATCGTACATGTTCAAAGAGCTTGAGA
 AAATTCGCCAGAAGACCAAGAAGGATTATGAGCAATTGAGGCAGAGGCTGGCCGCCAGGTCGGTTTTGGA
 TGCAGGTTCTGAGGATGATCTCCAGGACCAGGAGGCGGAAGAACGTCCGGGCACAGCAGGAGCAGTTCTG
 ACGAAGAAGGGGCACGTGTCTGGGCAGCCAAGTCTTCGTCTCCGCTAAGCCATCTCAGCCAAGCTGT
 CGTCTAGGGTCTGAGCGGGGAGCGCCCGTTGCGGCCGACCTGCAGGGGGCGCCGACAGCGCGGAGG
 CAGCCCTGGGAAGCCTCAGCCATTCCGCCCGCGGAATTCTACCTGCGGAGCTCGCGTTCCGGCGGTAC
 CCGCCCTGCAAGGAGGCGCGGCCATCGCCCGCAGTTTGGCACTGCCGATCCGTGTTTCTGCTGCGGC
 CGCGCTCGCGTCGGAGGAGGCTGCGCGGAAGCCCGGGAGGTGCCGTGGCCAAGCGCGTGTCCAAGAG
 CCCCTCGCAGGATCGCCCTTGATCGACATGGCCTCTCCGCTACAGACACGCCAGCTCCCTGTCTAGC
 CTGAGCAGCGAAGCCGAGGAAAACGCGCTTTGCGCAGGCTGCGGATCCGCACCCACTTCCAGCGAGAGA
 TCATGCGGTGGCATCACAGCCCTCGTCCAGATCCGGGCGTGAGGGGAGTTCCACGAGCCAGGGAACAGG
 ATCTTTGCAAGGGGACGCTACTTGCCCATGAACATAGAGGAGATCATCGCCTCTCTGCAGTCTGAAGCC
 CAACAGGCCTCAGACCAGACCATCAAGGAGCTCATACAGAGCATCCTGGGCCAGAACTACGACATCTCAA
 TGGAAGACATTTTCGATGATGGAACAAATGTACCTCAGGCCATCTCAGGTACAAATCGAGGTACCCGAAGT
 GATGGAAGAGAAAACGTCGGGTTTTAAGGAACAGCCAACCTGTGCCAAGTATCTATGAGGAGCTCCCTGAG
 ACTGTGTCAAGCATCTTCCAGGTAGAACAGGAGGAGGCGGTGGAATGGAGAGCCATAGAGGAAGATAGCA
 AAGCCATTAAATCTCAGGAAATCTTAGACATTGTACCACCGAGGACTCTGGGAAACCTGCGGATACCGT
 TCTTCCCAAGCGATGCAAAACCAACCCGCGGCCAACCTTAGACGTGGAACCAACAGGATTCATGCAA
 ATCAGAGGAAAGGAAGTTAAGCCAACATATAAAAGTACACCAGCCAAGCCAACAAACCAAGAATACCTG
 TGAGACCTGAGGAAGATAAAAAACGAATTAATAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108983

Insert Size: 1368 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:

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: NM_001108983.1, NP_001102453.1

RefSeq Size:	1518 bp
RefSeq ORF:	1368 bp
Locus ID:	366631
Cytogenetics:	6q23