

Product datasheet for **RN203905**

RGD1561552 (NM_001126271) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1561552 (NM_001126271) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1561552
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203905 representing NM_001126271
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCATTTAATGAAGACATTCTGAGAAACATCTTAAAGGAACATGGGACAATTAATGAAATTAATAATG
 AGTTCATATACATAATTCTGACATCATTAAAGCAAAATAGTGAGGCAAGTAAACGATCTAGATAAATTTAC
 TGAAGATGTGCTTGGCAAACTTGATAAAGAGATCCATGACCTCTCTTTTAACTCAAGATTTTACAAGAA
 AATATAATTCACTTAATGCTATTACAAAATTCAAATGACATTTTATCTATGCAACTTTGGAAAT
 CAAGAAAGACTTTTCAAGATAACCATGAAACACAGCAAGTATACTCATGCACATCATTGCCCATTA
 AATCTTTGAAAGAAACAATGCTAATATACGAATACCACTTCTTACAGTGCCTGAGTATTACAAAATGAT
 ATGGAAGATTACCTTCTTCAATGGTTTATTCCACCATGTCTGTATTGTTCAAACTTTTAAAGATA
 ACGTATCTGTGAATAAACAAGTGAAGTGAAGAAACACACAAAACCAAGATCTACCCATGCTGG
 TGATTTCAAAAATGTAAGTACAGTGCACCTCTTAAAAAACATATCCCTGTAGATCACATTCCAGCCTCT
 GGTAGTGAGGTATCTCATTCACTTAGATCAATATGGTGGTGGCTCTTCTTCTATATTTCCACCAA
 ATAGAAAACAAGCATCAAGGAACATCTGCAGCAATATCTTACCTAGTGAGCAAGAACAGCTACACTACCA
 TATTGGGTGCATGAGCAATTACGTCCTCGTGTCTTTATGGAAGTGGTAAAGGGGATGTGGTGGTTAAG
 CAACGACGAGTTTGAAGTCAATCAAAATCCAAATGTATTGTCAATCCCCTGGCACCACCAAGCACCACAT
 TGCCATCTGATTGGCTCATCCACCTTATCAGTTCTAAAAAACCATCTGCTAGTGGAGTTATAAGCTCAAG
 AGGAACATCTTCTTCTTGTGTTTGGGAAAACTAAACATTACCATCTGCTTGAAGAGCAATCCT
 AATATAGATCTAACAGTGCCACCTGAAGTTGAGGTCAGTCAACATCAGAATCACTTGAACGTTATGAAC
 TAAAACAGGTGGTCTAAGTCCACAGGATATGGATCAGAAGATCCCTCTGCTTTTATATCCTTCAGTAAT
 TCCATTAAGAAATCAGTCATGGGATTCAGTTGTGACTCTTATTGACTCTTATGTTGAAAAACCAACCG
 ATAAAGTCTTCTTTCCAAAGTACCAAGATCTCTCTCAAAATCAAAATATGCCATGGATCTCTACCAC
 AACATCCAGTTGCAATACATCAAGAACTTTAGCGCCCAATTGCCAAATCATATAGGGTACCTCGCCA
 TTCATTTTCAGTATCTGCCTCACCTAGTCCCAACCAACATCTTCAATGTAGTGCCAAAGCGTTCT
 GTAAGTCACTTAACAAAGCTTATTGAAGCACAGTCAAGATCACCTGTGACATATCCAAAAGACATTTAC
 ATCCACCACAAGCAAAACCATCAAAACAACCTCAACAAAAGCACTTAACAAAAGTTTCACTCTACAGTC
 ATCGTTGTGCTATGAAATCATCTGCTTCAAAACCATAGAGCTCTAGCGAAAAGGCATTATAGAATAGAG
 TCAGCATATGCAAGTATCTTGAACAACTTCCATCCTGCCAATATGACCAAGCAAGAAAAGCATTAA
 TGAAGCAATAAGAAAAGGCATTAACTTCGCAAACTCGACCAAGAGCTGAAAGTGATGATCCTGAAAA
 TGAAGCAAAATGATCCGGTCCGTCGTAAGCAATGGGATATCATTAGGAAAATCAGACAGCGAGACT
 GAATGGGTGAAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001126271

Insert Size: 1905 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_001126271.1, NP_001119743.1

RefSeq Size: 2244 bp

RefSeq ORF: 1905 bp

Locus ID: 302367

Cytogenetics: Xq22