

Product datasheet for **RN210270**

RGD1561648 (NM_001127567) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1561648 (NM_001127567) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1561648
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210270 representing NM_001127567
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGCCCCGCGCATCTGGCTTCCCGCGCGCACGAATTGCCGTCTGGACGCGTTCTTGGCGCGG
 ACCTGCCCTCCGGAGGTGTACGACGCGGTCCGCGCCTATGAGCCGTGCATCGTGGTGTGCGACGCCGAGAA
 GCACTCGTTCAAGTACGTGGTGTGAGCGACCGACTCATCTACCTGACCGAGAACCCGCCAAGTCCATC
 CGGCGGGTCTGGCCCTGCGGGACGTCTGGCCATTGACTTGATTGACGATTACCCAGAGTTTCTGAATT
 CACCAGACAGAGAGATCAACCAGCACATTCGAATCATCTATTCTTCAACAGTCTTGAAAAAGGAGCGCG
 GAAAGCGAAAGGTGTCCGAAATTCCTGTTCCAGTTCACCACAGCAATGCTAACAGAAAGGTTAAGCAA
 GAGAATAATGCCCTACCTTTTGGAGAAGAAAAGTTTATAGAAGTCAGATGAATCCTCTCTCAGGTCCC
 AGCAGGAGAGCAACTCCATTCAAGGACCCAACCTCCCATCCTTCAGACCTTAAGCAACTGTCCCTGCG
 AAGCCAAGGCGCCTCTCGGCCTTTGCTACCTCTCTAGTTGCCAGTCTGGGCGAGCTACTGACATGCCT
 ACCTGCTCCCTATCTCTTGCATCAAACACAGAAGAACCCAGGAGCTTCCAGATCCAGAGACTTCCCAA
 GAGAAGGCTCTTTCAGGTTTGATAGGAACGAAAGTGTGTTGGCTTAGGAAGTTCTCTCCACGCTCTCC
 TTCGAACAGCTGTTTCGAGCCTAGAGAAGGAGGAGTCAGAACTTCACCTGTATATTATTTCTGCAACCTCG
 TCCATATTTCTGCACCTAAAGAGTTTCGTGGAACAACTACATTATAAGAGCCACTCTTTTACAAGATCCTC
 TGTGTGGCACTGCGCAAAGTCATGTCTCAGGAATCGGAAGCCATACAGGTCTGAGGAGAAAATTAAGCA
 GTTCTGTCAACTGAAGTCTGAATTTTTCTTAAAGACAATACTTTGAGGAAGATATTGTATTTAATTGTG
 GAACTTAGAGTGGCAGCGCAGAGAAGTTTCTTCTAAAAAGACTTTTCTGGAAAACAGTGAGCTTTTCT
 ACTTCTAGTGAACAACTTCATGAATATTTGCCAGAGTCTAGGGATAAGCGTGCATTTTCAACAAAAAG
 CCAGAGGGCCGATGAGCTCCTGGCATGTATTGAAATTATACAGACCCTAGGATTGATGTTTCAGAGAACA
 GAAATTGAATCCTCACGATTGAACACATTGGCAGCTAAGAAGGGAACACTGTTTAACTCTCTAGTGATTC
 TAATCAGCAAGCCCAAGGTTCCAAAGCCCTGCTCTGTGTCTGATGCCAGCTGGTGGCTGATCCAACCTC
 AGCGGAAGACGACGATCTTCCGACGGTCATTTACAGAAGCTTATCCTGGAGTACACGGACACCGCGACA
 GCGCTGCTCTACGAGATCCTGCTGTCTTTACAGAGGGGAATCTTGGACTGGGATCCACAAAGTTTGCTA
 TAAGCTGGATGATGTCTTTCTACAGAGCTGTCTTCCATCATGGCTTTTGTGGTGGTATCGTGAAGG
 AGTGGTGAGAGGGCTCTCAGCCTCGCTCCAGCTGCTGACTCCTTGCCAAGCGGTTCTGTTGTACCAGCAG
 TTCTACATCCTCAGGAGCTGCCTGCAGCATAGCAAGGCTCTGGCCGAGTATATCAGGAACGACACCGTG
 AGGAGTTACAGTACTTTATTCATGCCAGCACTGGAGAAGAGGCTCCCTGGATGTTACCCCATCACAAA
 GCCCACCCTCAGCTCTGTACGAAAGTTCTACAGCTGATTGAACAGAAACAGTGTGCAGCATGT**TAG**

AC**CGGCGCCG**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-NotI

ACCN: NM_001127567

Insert Size: 1887 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_001127567.1](#), [NP_001121039.1](#)

RefSeq Size: 1977 bp

RefSeq ORF: 1887 bp

Locus ID: 500841

Cytogenetics: 7q22