

Product datasheet for **RN203750**

RGD1565498 (NM_001109287) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1565498 (NM_001109287) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1565498
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203750 representing NM_001109287
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGGGAGTCTATCCCACTAGCCGCCCGGTGCCGGTGGAAACAGCGGTGCTGGAGACGTTCTTCTCTC
 ACCTGGGTATCTTCTTTACGACAAGGCCAAGGACAATGTGGAGAAGGAACGAGAGGCCAACAAGAGCGC
 GGGGGGACAGTGGCTGTCCCTGTGGCGCCTTGCGCACCTGGCCGCGCCGAGAAGGTCTATCAGC
 CTCACCTACCTGGGGCAGAACTAGGGGACAGTCCTTCTTCAGCAGGAAAGACTCCGTTTCGACCATCT
 ACACGTCCTACATAACGAAGTGAAGAAGTGGTGGCCGCCGAGGCGCCCGGGTGAACGGCTCCTCA
 CGTGGAGGAGCTTCTCCCCACCTGTGAGAGCAGCTCTGTTTCTTTGTTTCAGGCCCGGATGGAGATCGCA
 GACTTCTACGAGAAGATGTACGCCCTCAGCACCCAGAAGTTCATCAACTGAAGAGCTGGTCAGCACCC
 TGGACACCATCTCAAGAAGTACAGCTCTAGATTTACCACCCCATCTCAGCCCTCTGGAGAGCAGTTT
 CCAGCTGGAAGTGGCGTGTGAGTCATCTCTCAAGGCCAGGCTCAGATCTCCGAGTGAAGTTCCTC
 CCTTCGCTGGTTACCTTGCACAATGCTCACACGAAGCTTCAGAGCTGGGGCCAGACCTTTGAGAAGCAGC
 GGGAGACCAAGAAACACCTGTTTGGGGGACAGTCTCAGAAGGCTGTGCAGCCCCACACCTTTCTTTTG
 GCTGATGAAACTCAAAACCATGCTCTTGCCCAAGTTTAGCTTTTACTTCCATGAGGCGCTGAGCCGACAG
 ACGACTGCTTCAGAAATGAAAGCACTGACTGCCAAGGCGAAGCCGGACCTCTTTGGAAAGATCTCCAGTT
 TTATCAGGAAATATGACGCTGCCAATGTGCTCTAATTTTGGACAACCGGGGCTCAGAGAGCTTTAGGG
 TCATGGTACCACCATCCACATTCCTACCGAGAGGCCCAAGGGAGTGGACAGTACCTGCGGTGGTG
 TCTCTGCCAGTGACAGGCTGTGATGCACTGGCCCAATGTTATCATGATCATGACAGACCGAGCATCTG
 ACCTGAACAGCTTGAGAAAAGTGGTCCACTTCTATGATGACAAAGTCCAGAGCACCTACTCTGACCCG
 CCGGAACCCCACTTCACCATCGTTGTCAATTTTGGAGTCAAAGAAATCTGAGAGAGACTCCCACTTTATT
 TCTTCTCAACGAGCTCTCACTTGCCCTTAAGAACCCCAAGTGTTCGCAAGTCTGAAGCCTGGCTCCA
 AAGGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109287

Insert Size: 1338 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_001109287.2, NP_001102757.2

RefSeq Size: 3028 bp
RefSeq ORF: 1338 bp
Locus ID: 500843
Cytogenetics: 7q22