

Product datasheet for **RN205757**

RGD1308147 (NM_001014010) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1308147 (NM_001014010) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1308147
Synonyms:	MGC105979
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205757 representing NM_001014010
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTCTGCATACTCCATGCTCTCTGAAAGAATTGCCATGGCCAAGGAAGTATCAAAAGAGCAGAATCAC
 TTTCTCGGTCAAAAAAGGTGGCATAGAAGGTGGTGCGAAGCTGTGCAGCAAACTGAAGTCAGAAGTGA
 ATTCTTACAGAAAATAGAGTCTGGGAAGGTAGCTATTAAGGAGTCCCATTTACAAAGCACGAATCTAACA
 CACTTGAAAGCCATTGTGGAATCGGCAGAGAACCTGGAAGAAGTTGTTAGTGTCTCTCGTGTCTTTGGTT
 ACACAGATTCTTGGGAGAAAAACAGACTCTTGTGGTGGATGTCGTAGCAAAATGGAGGTCACTTGGGT
 CAAAGCCATTGGTCGAAAGGCTGAAGCACTGCATAACATCTGGCTAGGCAGGGGCCAGTATGGCGACAAA
 AGCATCATTGAGCAGGCTGAAGATTTCTCCAGGCCAGTCGACAGCAACCAAGTGCAGTATAGCAACCCTC
 ACATTGTTTTGCAATTTACAACAGTGTCTCCAGCCCCATGGCAGACAAGCTGAAAGATATGGGCATATC
 AGTAAGAGGAGACATCGTCGCGGTCAACTCTCTGTTAAATCACCCGAAGAGTATCTGCTGAGCGAGAGT
 GAGTCAGATGACGAGGGCCAAGAATCTCTGCAGGTGACAAGAGTGGACCTAGACAATGTACTGGCCCGTG
 TTGCCTTTTCCAACAGAGATCAAGGTTGATGTGTGCGAGAAGAGTAAATCTGGACATTACTACTTTAATCAC
 ATATGTGTCTGCCATGAGTTATGGAGGCTGCCACTTTATCTTCAAAGAAAAAGTACTCACGGAGCAAGCA
 GAGCAAGAGAGGAAAGAGCGGTTCTACCTCAGCTGGAAGCGTTTATGAAGGACAAGGAGTTGTTTGCT
 GTGAATCTGCCGTCAAGGATTTCCAATCTATTCTAGATACCTAGGGGGACCAGGAGAGAGAGAGAGAGC
 TGCTGTACTAATTAACGAATCAATGTGGTACCAGACCAACCTTCTGAGCGTGCCTTGAAGTGTGGCG
 AGTTCAAAAATTAATAGCCGTTCTTAAACAATTTTCGGGACAGGAGATACCCTGAAAGCCATCACAATGA
 CTGCGAATAGTGGTTTTGTCAGAGCTGCCAACAATCAGGGTGTAAATTCAGTGTGTTTATTATCAGCC
 TAGAGCACTTACTGAGAGTAAAGAGGCATTAGCCGTTCCCTTACCAAAAGCCCGAACCAATGATAGTGCA
 CACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014010

Insert Size: 1266 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_001014010.1, NP_001014032.1

RefSeq Size:	2035 bp
RefSeq ORF:	1266 bp
Locus ID:	307008
UniProt ID:	<u>Q5M888</u>
Cytogenetics:	17q12.1