

Product datasheet for **RN202470**

RGD1564614 (NM_001134792) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1564614 (NM_001134792) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1564614
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202470 representing NM_001134792
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGTTCTATAGCATATGGCTCTTAGCAAAATATTCTCCTAATCACATCACTTTCTACTGCTAAAGGGG
 AAGAGGAATGTGTTTGCATTATGTGAAAATGGTTATTCTTTATTCTTGAAAAGAAAATTTGTACAAGA
 TCAGTCTGTCAAAGTCAACTGTTATAAAGGCTTCAACCTTCCAAATGGTCAGGATACAATTACATGTACA
 GAGAGTGGCTGGACACCTCAACCATATGCATCCCTTCTGAGACATGCTCAAAGTCAGATATAGAAATTG
 ATAATGGATTTTTTCTGAATCTGATTTAACATATGCTGTAAATAGAAAAACACGATATGTGTAAACA
 GGGATATACAACAGCAAATGGAGAAAGATCGGGATCAATCACTTGCCTACAACTGGATGGTCTGCTCAA
 CCTTCTTGCAATTAAGTCTGTGATGTGCCTGTGTTGAGAATGCTAAATCTAAAAATGATAGCACATGGT
 TTAACCTCAATGACAAATTAGATTATGAATGTCACATTGGATATGAAAAATAATATAAGCATACCAAAGG
 CTCCATAATGTGTACTACTGATGGATGGTCTGATAAACCCCTCATGTTATGAAATTGAATGCAGCATTCCC
 ATATTAGACCCACGCTTAGTTGTTTATCCAGGAAAAATAAATATACAGTTGGAGATTTGTTGAAATTTCT
 CTTGCCGACCAAGACACAGAGTTGGACCAGATTCAAGTGAATGCTATGACTTTGGATGGTCCCCTAGTTT
 TCCGACATGTAAAGGTCAAGTAAGATCATGTGGTCAATATCCTGAACTACTCAATGGGGAATAAAGGGA
 ACAAGAAAGCTGAATACAGCCATGGTGACGTGGTGGAGTATGATTGCAACCTAGATTTCTACTGAAGG
 GACCCAATAAAATCCAGTGTGTTGACGGGAAGTGGACAACCTTGCCGACATGCGTTGAGGAGAAAAAGAAC
 ATGTGGAGACATTCCTGCACTTGAGCATGGCTCTGTCAAGTTTCTGTCCCTCCCTACCACCAGGAGAT
 TCAGTGGAGTTTACTTGTGCAGAAACCTTCACAATGATTGGACAGAGATCAGTTTCTTGCAATAGTGGGA
 GGTGGGCCAGCTTCCTCGATGTGTTGCAACAGTACAACCTTGAGAAGTGTAAAGCACCGAGACTGGCTGT
 AATAGGGGCAAAATAAAGTTCGAGAAAGGATGATTGAATCATAACTTAGCATCAGTTACAAATGTAGAGGA
 AGTCAGAAAGTATGGATATTCAATCTGCATTAATGGAAGATGGGATCCTGAACCAACCTGTACAAGAAAAG
 AGAAAGCATTCTGCCCTCCTCCCCACAGATTCCAAATGCCCAAGTATTGATACCACAGTGAAATACTT
 GGATGGAGAGAAAGTATCTGTTCTTTGCCAAGATGGTTACCTAACTCAGGGCCAGAGAAATGGTGTGT
 AAACATGGAAGGTGGCAGTCGTTACCACGCTGCACGGCAAAAATTACATGTTCCAGCCCCCTAAAATAG
 ACCACGGATCTATTAAGTTACCCAGATTGTCAGATGCAGGAAGAGATGCAATTGACTCCAGCAGTCATGA
 ACACGGAACACATTAGCTATGTCTGTGATGATGGCTTCAGAAATCTAAGGAAAATGGGGTAACCTGC
 CACATGGGAAAATGGAGCTCTCCGCTCGATGTGTTGAATCAACAGGGAATGTGGGCCTCTCCAACTA
 TTGAAAATGGAGACATCACTCCTTGTCATTACAGTATATGCACGTTATCATCAGTTGAATATCAATG
 CCAATCCTTCTATAAAATGCAGGGCAGCAAGAAAATAACCTGCAAAAATGGAGAGTGGGAAGAGCCACCA
 AAATGTTTACATGCATGTGTATTAACAGAGAAATTATGAGAAGACAGAACATAATCCCAAGAGGACAA
 AGAATAAAAGATTTATATCCAGTCAGGGGATTATGTTGAATTTGTGTCTAACTGCATATCAAAGGC
 ACAAGGATCACCTGAGTTTCGTACACAGTGCATTGATGGTCACATCAATTATCCACCTGCTCAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134792

Insert Size: 2100 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_001134792.1, NP_001128264.1

RefSeq Size: 2715 bp

RefSeq ORF: 2100 bp

Locus ID: 498241

Cytogenetics: 13q13