

Product datasheet for **RN201720**

RGD1560324 (NM_001106436) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1560324 (NM_001106436) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1560324
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201720 representing NM_001106436 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCACAAACTCTGTGCTTTGGATTCTTTTTATATTCCTTGCTTATTATTTATATACCCATTC
CAGAAAACGTTGAAGAACCATGGAAAGTGAGAATCATAGATGCTGGCATGAAAATATCATCACTTACGGC
CACATGGTTGGAAAATATGGGTCTTATGAAATTTGAAGAGTTTTTGGCATATTAATGGGAATCCAAGAT
ACAAAGGCAGTTTCAGATGAAAACATTACAGTGATTGACACAGACTTCAATGATATACCTGTTCGTCTGT
ATTTACCCAAAAGGGAGTCTGAAAGAAAGAGACCAGCTGTGATTTACATTCATGGTGGCTTTATATT
GGGAAGCTTCAAGATGCTGCCGTATGATTCCATGAACCGATGGACAGCCAACAACTTGATGCCGTTGTT
ATTGCTCCAGACTACAGACTTGCTCCTCAGTACCTATTCCAGCTGCCCTAGAAGACTGTGTTTTGGTGA
CCAAATTCTTTCTCCAGGATAAAGTTCTTGCAAAATACAGAGTGGATCCCACTCGCATCTGCATTTTCAGG
AGACAGTTCTGGGGTACCTTGGCAGCAACAGTGACTCAACTGCTACAGGATGACCCAGAATACAAAAAC
AAAATTAGAGCACAAACCTTGCTATATCCTGGACTACAGGCACTTGATACCTTAATGCCATCTTTTCGAG
AATATGAACATGGTCCCTTTTGGACAAGGAAGGTAGCAATTAAGATGACATGTCTATTTATCAGAAGA
TAAAGAATTGCCAAGACAATACTGAGAAATGCTCATGTGCCTAAGGAGTCAAGACACCTATTCAAGTTT
GTTAACTGGAGTGACTTCCTTCTGAGAAGTACAAAAAGAACCATGTTTAACTGAACCACTTCTTGAA
AACTTAGTGCATCCCATCCAGGACTTGTGGATAGCAGAGTATCACCTTTGTTGGTCAATGATTCCCAGTT
ACAAAAATTGCCATTAATTATATCCTCACATGTGAGCATGACATCCTAAGAGACGATGGACTTATTAC
GTCACAGCACTCAGAAATGTTGGAGTTACTTTACCCATGACCACATAGAGGATGGAATCCATGGAGCCG
TATCATTCGCCACAGCGCCATTTCAATTACAATTAGGCCAGAGATTAATAGATAAGTATATAATTTGGTT
AAAAGAAAATCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001106436
Insert Size:	1206 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:	<u>NM_001106436.1, NP_001099906.1</u>
RefSeq Size:	1256 bp
RefSeq ORF:	1206 bp
Locus ID:	295072
Cytogenetics:	2q26