

Product datasheet for **RN215194**

RGD1562515 (NM_001109242) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1562515 (NM_001109242) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1562515
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215194 representing NM_001109242 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCATGCTTTGGACTCTACTGTGGGAAGACCCTATTGTTTAAAAATAGCTCAACTGAAATATATGGAG
AGTGCGGGGCGTGTCCAAGAGGACAAAGAACAATGAACAGAAGTACTGTCAGCCCTGCATGGAGTCCCC
GGAACTTTATGACTGGCTTTACCTTGGCTTCATGGCGATGCTTCCTCTCGTTTCCCATTTGGCTCTGCATT
GAATGGGACGCAAAGGATAGTAATTCAGAGGTGCGTTTTTCCAGCAAGTCTCTGCATTATTAGAATGCA
GCATGGCGGCTATAGTCACATTACTTGTGAGTGATCCGGTCGGCACCCCTTGCCATCCATTCTGCGCGGT
GCTGATGCTTTTCAGATTGGTACACGATGCTCTACAATCCAAGCCAGATTACATCACACCGTGCATCTGC
ACTCAGGAAGCCGTGTACCCGCTGTACACCATCGTGTGTTGTATTATGCTTTCTGCTTAGTGTTGATGC
TGCTGCTTCGACCATTACTGGTGAAGAAGATCCAGTGGCACCTGTACATGCCAAACCAGCTGAAAAGCAT
TTACACTGCCCTCTACTTCTTCCCGTTTTGACGGTGTGCAAGCAGTTGCCGGAGGCCTCTTATATTAT
GCCTTCCCATACATTGTATTGGTGACATCTTTGGCTAATCTGGCTGTATATCTGGTTTTTGTCAAAATAG
AGAGCTACAGTGATCTGATGAAAAAGGACAGACTTCTTGCTCTTCAGCCACTGGTTTCTTCACGCCTA
TGGCTTAATCGCACTCTCCAGAGGGCAGCAACTGAACAAGATCTGCTCCTTTAACTTTTGGTGCCTTTC
CCCACTCTTTTTACTTTTTCACTACCAAATTTACCAACCGTCACGGATAATCTCTGAAGGAACCAAAG
GACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001109242
Insert Size:	918 bp



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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_001109242.1</u> , <u>NP_001102712.1</u>
RefSeq Size:	1101 bp
RefSeq ORF:	918 bp
Locus ID:	500204
Cytogenetics:	4q32