

Product datasheet for **RN203129**

Guf1 (NM_001107215) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Guf1 (NM_001107215) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Guf1
Synonyms:	RGD1310774
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203129 representing NM_001107215
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGGCGCTCGCGGGCGGGCTCTCGCGCCGTGGGCCGTGGGGCTGCGCGCTTGTGCCTCCCTGTC
 CCCGGCACGCGGGTGTCTTGGAGCCAGGGTCCCTGCAGGCTTTCAGCGCGGCCGAGCTCAAGGAGAA
 ACCTGACATGTCTAGATTTCCCGTTGAAGATATTAGGAATTTTCAGTATCATTGCACATGTGGATCATGGC
 AAAAGTACTTTAGCTGACAGGCTCTGAACTAACAGGAACAATTGATAAGACACAGAAAAACAAGCAGG
 TTCTTGATAAAATTACAAGTGGAGCGAGAAAGAGGAATCACTGTGAAGGCGCAGACAGCGTCTCTGTTTTA
 CAGCTTTGGAGGAAAGCAGTACCTTCTAAATCTCATCGATACACCAGGCCACGTTGATTTTAGTTATGAA
 GTGTCTAGGTCCCTTTCTGCGTCCAAGGTGTTTTACTGGTGGTTGATGCAAATGAGGGTATTCAAGCTC
 AAAGTGTGGCAAACCTTTCTTGCCTTTGAAGCACAGTTGTGAGTAAATCCAGTTATAAACAAGATAGA
 TCTGAAGAATGCTGATCCTGAAAGGGTTGGGAAGCAGATTGAAAAAGTTCGATATCCCTAGTGAGGAA
 TGATTAAGATTTCTGCGAAACTCGGGACAACGTTGACAGTGTCTCCAGGCAGTCATTGAACGAATAC
 CTCTCCAAAAGTACATCGTGCAAACCCGCTGAAAGCTTTGGTATTTGACTCCACCTTTGACCAGTACAG
 AGGTGTGGTAGCCAGCATAGCACTGTTTGTGGAATGCTTTCCAAGGGAGATAAAATTTGTGTCTGCACAC
 ACTAAAAAACATATGAAGTCAATCAAGTAGGCATTTTGAATCCTAATGAACAACCAACTCATAAATAT
 ATGCAGGACAGGTGGGCTTTCTGATTGCTGGGATGAAAGATGTCAGTGAAGCACAATAGGAGACACATT
 ATATTTACATAATCATCCAGTGGAGCCCTTGCCTGGGTTAAATCAGCGAAACCAATGGTATTTGCAGGA
 GTGTACCTATAGACCAATCCGAATATAATAACCTCAAGAGTGTATAGAAAACTGACCTTAAATGACT
 CCAGTGTGACAGTGCATCGGGACAGTAGTCTGGCCCTGGGTGCTGGCTGGAGTTGGGATTTCTTGGACT
 TTTACATATGGAGGTATTTAACCAGCGACTAGAGCAAGAGTATAATGCTTCTGTTATTTTGACAACCCCC
 ACTGTTCCATACAAGGCTGTTCTTTCTCTGCCAAATTAATAAAGGAGTATAAAGAAAAGGAAATCACTA
 TCATCAACCCGTCACAATCCCTGATAAGTCCAAAGTAACAGAATATTTGGAACCTGTTGTTTTGGGCAC
 TGTCAATACCAACTGAATACACTGGAAAAAATGGAGCTTTGTCAGGCACGAAGAGCAATTCAGAAA
 AATATGACTTTTATTGATGAAAACAGAGTTATGCTGAAATATCTTCCCTTTGAATGAAATCGTGGTAG
 ACTTTTATGACTCTTTGAAGTCTCTGTCTCCGGATATGCAAGTTTTGACTATGAAGATGCCGTTACCA
 GACTGCAGATCTAATAAAAAATGGATATTCTGCTGAATGGCAATATCGTGGAGGAGCTGGTACTGTGGTC
 CATAGAGAGAAAGCATACACTGTTGGCAAAGCATAATGTGAACGCTAAAGGATTCTTCCAGACAGC
 TATTTGAGATCGCAGTTCAGCAGCTATTGGAAGCAAAGTAATTGCAAGGAAACTGTGAAAGCCTATAG
 GAAAAATGTTTTGGCAAATGTTATGGTGGTATTACTAGAAAAATGAACTTTTGAAGAGACAGCA
 GAAGGGAAAAAAGCTGAGGAAGATTGGCAACATTGAGATTCAAAAAATGCTTTTATAAAAGTCTCGA
 AAACCCAGCCTAATAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107215
- Insert Size:** 1980 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_001107215.1](#), [NP_001100685.1](#)

RefSeq Size: 6196 bp

RefSeq ORF: 1980 bp

Locus ID: 305317

Cytogenetics: 14q11