

Product datasheet for **RN205841**

G2e3 (NM_001106726) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G2e3 (NM_001106726) Rat Untagged Clone
Tag:	Tag Free
Symbol:	G2e3
Synonyms:	RGD1310263
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205841 representing NM_001106726
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGAAAATAAACCTGGTAATTCACAAAGTCTTGCTTGTGTTTTCTGCCAAAAAATGATGACTGTC
 CCAATAAATATGGAGAAAAGAAAACGTGTGAAAAATGGAATTCAGTGTCCACTACTACTGTTTGTAAAT
 GTCAAGTGGAAATTTGGCAGAGAGGTAAGAAGAAGAAGGAGTTTATGGCTTCTAATAGAAGACATCAGG
 AAGGAGGTCAATAGAGCTTCCAACTGAAATGTACAGTCTGCAAGAAGAATGGTGTCTCAATCGGATGTG
 TTGTACCCAGTGTAAACGAAGTTATCACTTGCCTTGTGGACTTCAGAAAAGATGATTTTCCAGTTCAC
 TGACAATTTTGCCTCATTTTGTGGAACATCGACCGTTCAAGCAATTACATCTAATAAATATAGAGAC
 TCTTTACCATGTACTATCTGTTTGAATTTGTCGAGCCGATTCTACTTATAACATATTACAGAGTCCCT
 GCTGTAAGAATGCTTGGTTTCATAGAGACTGTTTACAGGTTCAAGCAATAAACCGCAGGAGTGTTCCTT
 TAGATGTACACTATGCAATAATACCGACATCTTTCAGAAAAGAGATGTTGAGAATGGGAATTCATATTCCT
 GAAAAAGATGCATCCTGGGAGTTAGAAGAAAATGCTTATCAAGAGCTGTTGCAGAGCCATGACCGCTGTG
 ATGTCCGAAGATGCACTGCAAAGAGGGCAGAGAGTACAATGAACCTAATAGCAAATGGGAAATAAAGCG
 ATGTCAAGTGTGTGGTTCTAGTGGAACACACTTGGCCTGTTTCTCACTCCAGTCTTGGGAAAAAATTTGG
 GAGTGTGGACTGTAGAAGAATTGCTACACTTCAGATTTCCAAAAGGCCCCCAACCCATTAGCCA
 ACTCTACTAATGTGACAGTTACTGACTGCTTGTGGAAGAGTCGTACCTAAGCTCCCGAGCAGTCAAC
 TGATAGCCAGCAGAAAAGAACTACTGAGGCAAGGCAGCAAAATTTAGGAGAGACATTTCAACAATATTGATA
 GAGTTAGGATTTCAAATTAAGAAAGAAAGCTAAGACATTATACATCAACAAGGCCAATGTGTGGAGGAGTG
 CAGTAGAGCAATTCAGAGCCAGAAGTTAACCCTTCATCTCCATTGAAGTGTATGTTAATGACAA
 TGATGAGTTTGAAGCAAGCATCTGGATCAAAGCAGGAATTTCTGAGTCACTAATGCACCATCTTGAG
 AATTCATCAGTGTGTTGAAGGTCCTTGGCAAAGAACTTGTCTCTAAATTCAGCTGTGAAAGAGAATC
 TTTACTATGAAGCTGGCAAATGCTTGCATTTCTTTAGTTTATGGTGGTCTTCCGCCAGGTTTCTTTTC
 TGAAACCTTGTAAAGTGCCTTGTATGGACCAGAAAACGCTTTACCAACTCTGGATGATGTTTCAGAC
 CTTGATGTGGCAGATTATAATCAAGATAGACTGCAGCTGATTTAAACATTTTAAAATCAGTAATAA
 ACGAATACTATAACTACCTAGAGTTTAGTGGATGTTAAGACTTATGACAACATTAAGTATAAATACAT
 GTTGGTAAAAGACATCTTTTACCAGGTAATTAAGAGAGTCAAAGCACCTTTTGGAGTTTTAAACAG
 GGTCTGAAAACGCTCGGTGTTTTAGAGAAAATCAAGCTTACCCAGAAGCATTATAACATCCTCTGTC
 ATAAACCTGAGAGTCTCTGCAAAAACCTCAGTGTATCTTTTACAATCCACAAGTTACAGATGTAAA
 AACTTCGAGGTTTTGGAACAGTTACTTACAGGCTGTAGAGGATGGAAAGTCTGCAACAACACTGGAGAC
 ATTCTTCAATTTGCAACCGGCTGTAGTTCCGTTCCACCTACTGGATTTAAACCCGCTCCTCCATTGAAT
 GTCTGCATGGCGATTTTCTGTTGCGAACAAGTGAATAACTGTTTAGCTCTACCTGTCACCAACACATA
 TGAGGAGTTCCAGGAAAATATGGATTTTGCATAAGAGACTCTATAAGACTAGAAAAGGAAGAAAGGTCT
 CACTTATTACCTCGGACATTAATGTTTCTTCTAATGAAGAAATGCTGTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106726
Insert Size: 2154 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:	<ol style="list-style-type: none">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_001106726.1, NP_001100196.1</u>
RefSeq Size:	4952 bp
RefSeq ORF:	2154 bp
Locus ID:	299002
Cytogenetics:	6q22