

Product datasheet for **RN201128**

Gnl2 (NM_001025736) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gnl2 (NM_001025736) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gnl2
Synonyms:	RGD1305006
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201128 representing NM_001025736
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGCCCAAGTATAAAGGACGGAGCACCATCAATCGTCTGGCGGCCAGCACCAACCCAGATCGAG
 TACAGGGAGCTGGAGGCCAAAACATGAGGGACCGGGCACAATTCGGCGCCTGAATATGTACAGGCAAAA
 AGAGCGCAGGAACAGTCGTGGTAAAGTGATTAAGCCACTGCAGTATCAGTCAACTGTGGCTCCTGGCACA
 GTGGCAGGAGTGGAGCCGAATATAAATGGTTTGGAAATACTCGTGTGATCAAGCAGGCATCATTACAAA
 AATTTCAAGAGGAAATGGATAAAGTTATGAAGGATCCATACAAAGTTGTGATGAAACAAAGCAAATTACC
 GATGTCTCTTCTGCACGATCGAGTCCAGCCTCATAACGCAAAGGTCCACATTCTTGATACTGAAAGTTTT
 GAAAGTACATTTGGCCAAAGTACAGAGAAAGCGGCCAAACTTGTTCAGAGTATGACAGTCCCTTC
 TAGAAAACGCTGAAATGTCTACTGAGAGCTATGACCAGGAAAGGACCGTATTTGGTGACAGAGGACAC
 AGGTGTAAGAAAATGAAGCTCAAGAAGAGATATATAAAAAGGGCAGTCAAAAAGAATATGGGGAGAACTC
 TACAAGGTGATAGACTCATCAGATGTTGTAGTCCAAGTCTTGACGCTAGAGACCAATGGGCACTCGTT
 CCTCTCACATCGAAGCTTACTTGAAGAAGGAAAAGCCCTGGAAGCACCTATTTTTGTACTCAATAAGTG
 TGACCTTGTTCCTACTTGGGCAACAAAACGATGGGTTGCTGTGCTCTCCAAGGACTACCCAACTGGCT
 TTCCATGCGAGTCTCACTAATCCCTTTGGGAAAGGAGCATTCAATTCAGCTTCTGCGGCAGTTTGGGAAGT
 TGCACACAGACAAGAAACAAATCAGTGTGGGTTCAATGGCTATCCAAATGTAGGCAAGAGCTCTGTGAT
 AAATACATTACGATCCAAGAAAGTTTGCACGTGGCCCAATTGCAGGAGAAACAAGGTCTGGCAATAT
 ATTACCTTGATGCGCCGTATATTCCTGATCGACTGCCCTGGTGTGGTTTACCCATCTGAGGACTCAGAGA
 CCGCAATTTGTTCTCAAAGGAGTGGTTCAAGTTGAAAAAATTAAGCTCCTCAAGACCACATTTGGTCTGT
 CCTTGAACGAGCAAAGCCAGAATATATCAGCAAGACATACAAGATTGAGTCTGGGAGAATGCTGAAGAC
 TTTCTCGAGAAACTAGCTCTCCGCACCGGGAAGTTACTGAAGGGTGGAGAGCCTGACTTGTGACCGTGA
 GCAAGATGGTGTCAATGACTGGCAGAGAGGCCGGATCCCTTTCTTTGTCAAGCCTCCCAACGCAGAGAT
 GCCGACCACTCCCAGCTCCCACCCTCCTCACCATTGGAAGTTACCACAGAAACAACGCAGAAACAACCCA
 GAAGAGGAGACCATAGAAACAGAAGTCGAAAGGTCAGACTCTGTCATTGAAAAGGAGCCAGAAGCAGGCT
 GTTCCCAGGATGAAAACAGAGATGCAACAGATCCTCGCACGGGTTCCGACAGAACTTTGGTAAAATCAA
 TGTAGGGCCTCAGTTCTCTGCGGACGACCTGGTCCCGTGGACGACCTGGTCCCGTGGACTTGTGAGC
 CTGGAAGATCTGGAAGCTCTGAGGAGGAGGAGGAGCAGGAGCAGGAGCAGCCAGGAGAGGATGCTGAGG
 AAGAGTGTTCGCCGAGACACGCGGGGAGGCCCGTGGAAAGATGACACCAAAGCTGTGATCAGAGCCCTAGA
 TGAGAAGATTGCCAAGTACCAGAGGTTTCTAAATAAAGCCAAAGCTAAAAAGTTCTTGCCATCAGAATA
 TCCAAAGACTTAAGTAAAAGGTTTTTGTCTAAGTATGAAGAAGAGAAGAAAGCGTCTGCAGAAGTCAAGT
 ATGCAGCACCCACAAAAGGGCAAGGAAGTGGAAATGCACAGGTGGAAGAAGAGCCTTCAGATAAGACTCA
 GAGGATGCTGACGTGTAAGGAACGGAGGAGAGCAGCTCGGCAGCAACAATCCAAAAAAGTCGGTGTGCGC
 TACTATGAAACACACAACGTGAAAAACAGAAACAGGAACAAAAAGAAGACGAATGACTCAGAGGGACAGA
 AACACAGACATAAGAAGTTCAGACAGAAGCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025736
Insert Size: 2205 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_001025736.1, NP_001020907.1</u>
RefSeq Size:	2328 bp
RefSeq ORF:	2205 bp
Locus ID:	362593
Cytogenetics:	5q36