

Product datasheet for **RN210460**

Gnl3 (NM_175580) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gnl3 (NM_175580) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gnl3
Synonyms:	Ns
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210460 representing NM_175580
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAGGCCGAAGTTAAAGAAAGCAAGTAAACGTATGACCTGTCATAAGCGGTATAAAATCCAGAAAA
 AGGTTTCGAGAACATCATCGAAAATTAAGGAAGGAAGCTAAAAAGCGGGTCAACAAGACCTAAGAAGGA
 CCCAGGAGTTCCAAATAGTGCTCCCTTTAAAGAGGCTCTTCTCGTGAAGCTGAGCTAAGGAAACAGCAG
 CTTGAAGAATAAAACAGCAGCAGAAAATTGACAGGCAAAAAGAACAAGAACGAAAAAGAAAATTGAAA
 TTAGCCCTGATGATGAGCAATCTAATGTGGAACTCAGGAGGAATCTGATGAGCCAAAAATAAGAAAGC
 TAAATCAGGCAACAGAAATCCAAAGAAGTTACATTGTCAGGAACCTAAAAAGGTATTGAAGCCTCAGAC
 ATTGTGTTAGAAGTTTTGGATGCCAGAGATCCTTGGTTGCAGGTGCTCAAGTAGAAGAAGCTGTTA
 TCCAAAGTGGATGTAATAAACTAGTACTTGTATTAATAAAGTCAGATCTAGTACCAAAAGAGAATCTAGA
 GAACTGGCTAACTTACTGAATAAGGAATTGCCAACAGTGGTGTCAAAGCCTCAACAACTTAAAGAAC
 AGAAAGAAGACATTCAAGATAAAGAAGAAAGTTGTTCCATTCCAAGTAACTCTGCTGTGGCAAGGAAG
 CACTGTGGAAGCTCCTTGAGGTTTTTCAGCAGTCTGTGGAAGGAGTTGAGTTGGAGTGGTTGGTTT
 CCCAAATGTGGGAAAAGCAGCATCATTAAATAGTTTAAAACAAGAAAGGATTTGCAGTGTGGAGTTTCC
 ATGGGACTTACAAGGAGTATGCAGATTGTCCTTTAGACAAAACAGATCACAATCATAGATAGTCCGTGCT
 TCATTATCTCACCTGTAACCTCCCTGCTGCACCTGCCCTCCGAAGTCCAGCAAGTATTGAAGTTCTAAG
 ACCATTGGAGGCTGCCAGTGCCATCCTGTCTCAGGCTGATAGTCAACAGGTGGTGTAAAATATACTGTC
 CCGGGGTATAAGGATTCTCTGGATTTTTTACTAACTTGCTCAGAGAAGAGGTCTGCACCAAAAAGGTG
 GAAGCCCAAATGTCGAAAGTCTGCTAAGCTGCTATGGTCTGAGTGGACAGGTGCCTCATTAGGTTACTA
 CTGCCATCCCCCTGCATCCTGGAATCATTCTCCTCATTTTAATGAGAATATTACAGCAATCATGAAGAGG
 GGCTTTAATCTAGAAGAACTAGAAAAGAATAATGCACACAGCATACAAGTCTCAAGGGCCCTCATTTAA
 CTAATAAAATCCTTTCCGGTCTTCGGGCTGACAAATGGAATACTAGAAGAAAAGGACATCCCCGAAGA
 GTCACCAAAAACAGACAGAAGACCAACAGGATGGTATGATCAAGAACATGTTACTGGTGAATAAAATGCA
 GAGATCTCAGATGTGACTCCTGTAGAAGAGACCAGGGAGATGTCACCTGGGCAATCAACAGCAAGTAAAC
 CATCTGACAGATCCTTTATCTTGATAAAATGAGTGAAGAAGACGATGCCTATGACTTTACCACAGATTA
 TATATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_175580
- Insert Size:** 1617 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_175580.2](#), [NP_783170.1](#)

RefSeq Size: 1810 bp

RefSeq ORF: 1617 bp

Locus ID: 290556

UniProt ID: [Q811S9](#)

Cytogenetics: 16p16

Gene Summary: involved in controlling cell proliferation in stem cells and cancer cells [RGD, Feb 2006]