

Product datasheet for **RN203724**

Gnl1 (NM_212500) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gnl1 (NM_212500) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gnl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203724 representing NM_212500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCGAGGAAGAAGCCCTTCAGCGTGAAGCAGAAGAAGCAGCTGCAGGACAAGCGGGAGCGGAAGC
 GAGGGCTCCAAGATGGGCTTCGCTCCAGTTCCAACAGCCGACGCGGAGCGGGAGCGCGGGAGGAGCA
 GACCGACACGTCGGATGGGAATCCGTGACCCATCACATCCGCAGGCTCAACCAGCAACCTTCTCAGGGC
 CTGGGGCCAGAGGCTACGACCCCAACCGATACCGGCTGCATTTTGAACGGGACAGCCGGAAGAGGTGG
 AGAGGAGAAAGAGAGCAGCCAGAGAGCAGGTGTTGCAGCCAGTCAGTGTGAAATGCTGGAGTTGGATAT
 CCAGGAAGTATATCAGCCTGGCTCAGTTCTGGACTTCCCCGGCGACCTCCTTGGAGTTATGAGATGTCC
 AAGGAGCAACTAATGAGCCAAGAGGAGCGGAGCTTCCAGGAATACCTTGGGAAGATACATGGGGCATACA
 CTTTCGAGAACTCAGCTACTTTGAGCACAATTTGGAGACATGGAGGCAGCTGTGGCGTGTGTTAGAGAT
 GTCTGACATCGTCTTGCTCATTACGGACATCCGACATCCGGTTGTGAACCTCCACCAGCACTTTACGAG
 TATGTAACCGGAGAACTTGGGCTGGCTCTGGTGTGGTCTTGAATAAGGTGGACCTGGCCCCGCCAGCTC
 TTGTGGTGGCCTGGAAGCATTATTTCCACCAGCACTACCCCCAGCTCCACATTGTCTGTTCACCTCTTT
 CCCTCGGGACACTCGGACTCCACAGGAGCCTGGTAGTGTCTTGAAGAAGAGTCGGAGACGGGGCAGAGGA
 TGGACTCGGGCGCTGGGGCCAGAGCAGTTGCTGAGAGCCTGTGAAGCCATCACTGTGGGAAAGTGGACT
 TGAGCAGTTGGCGAGAGAAGATTGCTAGGGACGTGGCCGGGGCCTCGTGGGGTAATGTCTCTGGTGAGGA
 AGAGGAGGAGGAGGACGGGCCAGCAGTACTGGTAGAGCAGCAGTACTCAGCGATGGAGCCACGGGC
 CCCTCCAGGGAGCGCTACAAGGATGGGGTGGTGACCATCGGCTGTGTAGGTTTCCCAATGTGGGAAAGT
 CCTCGCTGATCAACGGGCTGGTGGGGCGGAAGGTGGTGAAGTGTCTCCAGAACGCCAGGCCATACCCGTA
 CTTTCAGACTTACTTTCTACCCCGTCTGTGAAGCTCTGTGACTGTCCAGGCCTTATCTTCCCCTCTCTG
 CTGCCCAGACAGCTGCAGGTTCTGGCTGGAATCTACCCATTGCCAGATCCAGGAGCCCTACACTTCCG
 TGGGCTACCTGGCCTGCAGAATCCCGGTGCAGGCCCTGCTGCACCTGCGCCACCCAGAGGAGAGGACCC
 TTCAGCCGAGCATCCCTGGTGTGCCTGGGACGTCTGCGAAGCCTGGGCAGAGAAACGTGGCTATAAAACG
 GCCAAGGCAGCTCGAAACGATGTGTACAGAGCAGCCAACAGCCTCCTTCGCTGGCAGTGGATGGCCGTC
 TCAGCCTGTGTTTCCACCCTCTGGCTATAGCGAACAGAGAGGCACCTGGGAGTCTACGCAGAGACTGC
 AGAGCTGGTGTGTCCCAGGGCAGGGTGGGGCCGGCAGGTGATGAAGAGGAGGAGGAAGAGGAGGAGCTG
 AGCAGCTCCTGTGAGGAGGAAGGAGAGGAGGACCGAGATGCAGATGAAGAGGGGGAAGGAGATGAAGACA
 CCCCAACTTCAGATACTGGGTCCTGCCTAGCAGCCGAAACCCATATGCCCTGCTAGGGGAGGGTGAAGT
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_212500

Insert Size: 1824 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:	<u>NM_212500.3, NP_997665.1</u>
RefSeq Size:	2083 bp
RefSeq ORF:	1824 bp
Locus ID:	309593
UniProt ID:	<u>Q6MG06</u>
Cytogenetics:	20p12
Gene Summary:	putative GTP binding protein; mouse and human homologs are localized to the MHC class I region [RGD, Feb 2006]