

Product datasheet for **RN214538**

Glmn (NM_001105993) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glmn (NM_001105993) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glmn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214538 representing NM_001105993
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTGTGGAGAACTTCAGTGCATAATAAAAAGATGTCAAATCCTAGAAGAGCATGATTTTAAAGAAG
AAGATTTTGGCCTCTTTAGCTAGCAGGCCAAAGATGCATTGAAGATGGGTATATAAACCAGCTGCTAGA
GATTATCAAGATGAAAAGAACAAGACCATCATTAAAGACTATGGGGTGGAAATCTTGTGGTCTGTGTGTC
CGATGCCTCCTGAGGGCAGGGAAGAGGATAAAAAGAGAAGAGTGTCTTCTGATCTTTGATTTGCTGGTGA
AGTTGTGTAATCCAAAGGAATTGTTGTTGGGTTTCTTGAACCTATTGAAGAGCCCTCCGGGAAACAGAT
ATCTCAAATTATTCTTTTACTGCAACCATTACAGACAGTTATTAGAAAATCTCTAACAAACAAGGCA
TACTCGGCTGGATTAGCATTGTCCACGCTCTGGAGTCAGCTGTCTCTTCTCCTGTCCCACTCAGAAG
AACAAATACAGGCAGATGACTATGGCCTTGTGTCAGTGTGCAGGGCCTTGATAGAGTTCAGGAAACCTT
TGTGGCAGAAGTTGCTAGTGATAAAGAAGACCCAGCAAACACAAAGCTGAAGGATGAACTACTGAAATTC
TGTTTCAAAGCTTGAATGCCCTTTGCTGACAGCACAATTCCTCGAACAGTCTGAAGAAGTTGGAATG
ACCCTTCCGGTGTGGTGCATCTGAAATAATAGGATTTTATCACAATTTGGATATCCTGTCCCAAAAT
TATTCTTAATCATGGAAGGAAAAAAGGACTTGGGATTACCTTGAATTTGAAGAAGAAGAAGACAGACAA
CTGGCAGACTCTGTGGCTGCTCTGACATACCTAGTCTTTGTTTCAGGGCATCGGTACCGACCAGCTCCCA
TGGTCTTAAGCCCTTCATACCTTTTGCAGTTGAACATGGAGCACATTGAAGTGTCTTGCAAAGAACAGA
ACAGTCTGTTTACTCAAAGGCTTGAAGTGTGGAGACTAGCTTATTGAGATTAGAAGACAACAGCCTA
TGTTATCAGTACCTAGAAATCAAGAGTTTCCTTGTGTGCCTCAGGGCTTAGTCAAAGTCATGACTCT
GTCCCATTGAGACTGAGGAAAACAGGGTTAGCCATGCTTCAGCTGTACATCGACAAGTTGGACTCCCA
AGGCAAATACACATTATTTAGGTGCTTACTAAATACGAGTAATCACTCAGGTGTGGAAGCCTTTGTAATT
CAAAATATCAAAATCAGATTGATTTATCATATAAGAAAACCCATAACAGGTGGTTTGCAGGCGCACAGC
TGACCTCTCTGTTAGACCTGGTCTGTCCCTCCCTGAGGGCGCTGAGACAGATTTACTGCAGAACTCAGA
CCGGATTATGGCTTCACTAAATTTGTTGAGGTATTTGGTTATCAAAGATAATGAAGATGACAACCAAAT
GGATTATGGACAGAGCTTGGAAAGATTGAAAATAACTTTCTACAGCCACTTCATGTAGGACTTAATATGT
CAAAGGCACATTATGAAGCAGAGATTA AAAACAGCCAACAAAATAGCCAAGCTGCCTCAATGTGTA AAAAG
TGTTTGTCTGTGACTGTAGGCGGAGAAGAAATCCCACTATGCCTCCTGAGATGCAGCTTAAGGTCTTA
CATTCCGCCCTTTCACATTCGACTTGATTGAAAGTGTCTGGCTCGAGTCGAAGAACTCATTGAAATCA
AATCAAAGTCTACCTCTGAGGAAAACGCTGGGATGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105993

Insert Size: 1791 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_001105993.1](#), [NP_001099463.1](#)

RefSeq Size: 1993 bp

RefSeq ORF: 1791 bp

Locus ID: 289437

Cytogenetics: 14p22