

Product datasheet for **RN203164**

Gldn (NM_181382) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gldn (NM_181382) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gldn
Synonyms:	Colm; Crgl2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203164 representing NM_181382
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGACCCGAGCCGAGAGCGAGGCCAAGGGCTACAGGCTGGGGACTGCGAGGCGCCCTGATGGCCGTGG
 CGCTGCTGTCACTGCTGAACGCCGTGGGCACCGTGTTCGTGCTGTACCAGTGCGCGAGCTGAGCGCGGC
 GCTGCGGGCACTGGAGGCGCAACACGGCCAGGAGCAGCGAGGACAGCGCCCTACGCGCCTTTCTAGCT
 GAATTAAGTCGTGCGCCAGCCGAGTCCCCGAACCAACCCAGGACCCATGAGTGCAGCGCGCAATAAGC
 GCAGCCACGGCGCGAGCCTGCGTCACACATCCGCGGGAGAGCCAGGACATGATGATGATGATGACCTA
 CAGCATGGTGCCGATCCGGGTGATGATAGACCTGTGCAACAGCACCCAGGGCATCTGCCTTACAGGACCA
 CCGGGCCCAACAGGACCTCCAGGAGCTGGTGGTTACCAGGCCACAATGGATCAGATGGACGCCTGGTC
 TCCAGGGCCCAAAAGGAGAAAAAGGAGCAGTTGGGAAGAGAGGAAAAATGGGGTTACCCGGAGCCACAGG
 AAATCCAGGGGAAAAGGGAGAGAAAGGGAGATGCTGGTGAACCTGGGCTACCTGGAATGAGGGACACCA
 GGACAGAAAGGAGACAAAGGAGACAAAGGAGATGTGTCCAATGACGTGCTTTTGACAGGTGCCAAAGGTG
 ACCAAGGGCCCCCTGGCCACCTGGACCCCAAGGGCTCCAGGCCCTCCTGGAAGCAGAAGAGCCAAAGG
 CCCTCGGCAGCCAAATTCGTTCCCAACCAAGTGTCCAGGGGAGACGTGTGTATACCCAATGATGATACC
 TTGGTGGGAGAGCTGATGAGAAAGTCAATGAGCGCCATTCTCCACAAACAGAACCCATGATCACGTCCA
 TTGGTAACCCGGCCCAAGTCTCAAGGTGAAAGAGACTTTTGGGACCTGGCTAAGAGAGTCTGCTAACAG
 GAGTGACGACCGCATTTGGGTGACTGAACATTTTTCAGGCATCATGGTGAAGGAGTTTGAAGACCTGCCC
 GCCCTCCTGAATAGCAGCTTACCCTCTCCACCTCCACATTACTTCCATGGCTGCGGGCACGCTGTTT
 ACAACAACTCTCTACTACCACAAAGGAGGCTCCAACACCATAGTGAGATTTGAATTTGGGAAAGAGAC
 ACCTCAAACCTGAAGCTTGAAGATGCTTTGTATTTTGATCGAAAAATACCTCTTTGCGAATTCCAAGACT
 TACTTCAACATAGCAGTGGATGAGAAGGGCCTCTGGATTATCTACGCCTCGAGTGTGGATGGCTCAAGCA
 TCCTTGTGGCACAGCTGGACGAGAGGACATTCTGTGCTGCGGCACATCAATACCACATACCCCAAGTC
 CAAGGCTGGCAATGCCTTCATAGCTCAAGGGATCCTCTATGTCACGGACACCAAGATACAAGGGTCACG
 TTTGCCTTTGATTTGTTACGAGGGAAGCAGATCAATGCAAACTTCGGTCTCAGAATGTCACAGTCTGTTC
 TTGCCATGTTGTCGTACAATATGAGAGACCAGCATTTGTAAGTCTGTTGGGAAGACGGCCACCTGATGCTCTA
 TCCTGTGCACTTTTCGTCAACAGCACCCAGCCAGCGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181382

Insert Size: 1650 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_181382.2, NP_852047.1</u>
RefSeq Size:	2416 bp
RefSeq ORF:	1650 bp
Locus ID:	315675
UniProt ID:	<u>Q80WL1</u>
Cytogenetics:	8q24
Gene Summary:	cytoplasm protein; mouse homolog is highly expressed in hepatocellular carcinomas [RGD, Feb 2006]