

Product datasheet for **RN200642**

Cgnl1 (NM_001108164) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cgnl1 (NM_001108164) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cgnl1
Synonyms:	RGD1304623
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200642 representing NM_001108164 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTGTATTTTGGTGAATATCAACACGTGCAGCAGGAATACGGTGTCCACCTGAGACTTGCCAGTG
ATGGCACTCCAAAGCCAAGGAATCCCAGCCCTCAAAGGCAGGCTCCTATGGTGTGAGTATCAGAGTCCA
GGGAATTGATGGCCACCCTTACATAGTCTGAATAACACTGAACGGTGTCTAGCAGGCATACCTTTCCCA
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AGGAGAACACGCCAGAGGAAGTCAACTTCCAGAAAACCCATACCTGCAAGCCAGCCCGTAAGCGGCCA
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CACGTGCTCAACTTCCAGAGGCACCCCGAGCTTCTGCAGCCCTACGACCCAGAAAAGAATGAGGTGAAGT
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AACAGCCCCCAGCCACAGGCCCTACTCCGAAACCAAGAAAAGCAGGCCAGATGTACTACCTTTAGACGA
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CCTGGTGTGGACAGTTAATTGAAAAGTTTGACAAAAGCCTGGCCAGAGAAGAGGAAGGTCTGGGAGGA
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CAAACTGCAAGGTGCCACCCCAAGCCTCCCTCGACAACAAAGACGGGAAAGTTCTGAACAAAGGAAG
TCAGGAAAGCATAGGGGAGGTGCCCCCTCCCTCCAGCACAGAATAAAAAAGAGGAAGAAATCAAAATA



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GCCACCGCCACGTTGATGTTACAGAACCGGGCTGTGGCTGCCACATCTGATTCTGGTGCCAAGAAAAATTT
 CAGTGAAGACATTTCTTCCGACTCGAGTACTCAGGCCACGCCAGATCTCTTAAAGGGCCAGCAGGAGCT
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 ACGCTGACTTGCTGTCTGAGAGGATCACTTGGAGCAGGGAACAGATGGAGCAGATGAGGAGTGAGTTACT
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 AAGAGCCGGATTACCCACCTGGAAGGTTCTACAGGTCCAGTAAGGAGGGCCTGGTGGTGCAATGGAGG
 CCAGGATTGCAGAGCTGGAGGACCGGTGGAGAACGAAGAGAGGGACCGGCCAACCTGCAGCTCAACAA
 CCGAAGGCTGGAGCGGAAGGTGAAGGAGTTGGTATGCAGGTGGATGATGAGCATCTGTCACTGACTGAC
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 ACAGACTGGAAAGTTCTAAGAAGAAGCTGCAGAGGGAGCTGGAGGAGCAGATAGGAGTGAACGAGCAGCT
 GCAGGGGCAGCTCAACTCTATGAAGAAGGGCTTAAGGCTTAAGACACTGTCTAGTAAAGTACTGGATGAC
 TCAGACGATGATGACCTCAGCAGTGTGCGGGAAGCCTCTATGAAGCCCCACTGAGCTATCCCTTTCCCA
 AAGACAGCACTATCACCAGCCAGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001108164
Insert Size:	3879 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_001108164.1](#), [NP_001101634.1](#)

RefSeq Size: 6480 bp

RefSeq ORF: 3879 bp

Locus ID: 315795

Cytogenetics: 8q24