

Product datasheet for **RC234634**

Netrin G1 ligand (LRRC4C) (NM_001258419) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Netrin G1 ligand (LRRC4C) (NM_001258419) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Netrin G1 ligand |
| Synonyms: | NGL-1; NGL1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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**ORF Nucleotide
Sequence:**

>RC234634 representing NM_001258419
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGAACAAGATGACCTTACATCCACAGCAGATAATGATAGGTCCTAGGTTTAAACAGGGCCCTATTTG
 ACCCCCTGCTTGTGGTGTCTGCTGGCTCTTCAACTTCTTGTGGTGGCTGGTCTGGTGGGGCTCAGACCTG
 CCCTTCTGTGTGCTCCTGCAGCAACCAAGTTCAGCAAGGTGATTTGTGTTGCGAAAAACCTGCGTGAGGTT
 CCGGATGGCATCTCCACCAACACACGGCTGCTGAACCTCCATGAGAACCAATCCAGATCATCAAAGTGA
 ACAGCTTCAAGCACTTGAGACACTTGGAAATCCTACAGTTGAGTAGGAACCATATCAGAACCATTGAAAT
 TGGGGCTTTCAATGGTCTGGCGAACCTCAACACTCTGGAACCTTTGACAATCGTCTTACTACCATCCC
 AATGGAGCTTTTGTATACTTGTCTAAACTGAAGGAGCTCTGGTTGCGAAACAACCCATTGAAAGCATCC
 CTTCTTATGCTTTTAAACAGAATTCCTTCTTTCGCGCGACTAGACTTAGGGGAATTGAAAAGACTTTCATA
 CATCTCAGAAGGTGCCTTTGAAGTCTGTCCAACCTTGAGGTATTTGAACCTTGCCATGTGCAACCTTCGG
 GAAATCCCTAACCTCACACCGCTCATAAACTAGATGAGCTGGATCTTCTGGAATCATTATCTGCCA
 TCAGGCCTGGCTCTTCCAGGGTTTGATGCACCTTCAAAAACCTGTGGATGATACAGTCCCAGATTCAAGT
 GATTGAACGGAATGCCTTTGACAACCTTAGTCACTAGTGGAGATCAACCTGGCACAATAATCTAACA
 TTAGTGCCTCATGACCTTTCACCTCCCTTGATCATCTAGAGCGGATACATTTACATCACAACCTTGG
 ACTGTAACCTGTGACATACTGTGGCTCAGCTGGTGGATAAAAGACATGGCCCCGTCGAACACAGCTTGTG
 TGCCCCGTGTAACACTCCTCCCAATCTAAAGGGGAGGTACATTGGAGAGCTCGACCAGAATTACTTCACA
 TGCTATGCTCCGGTGATTGTGGAGCCCCCTGCAGACCTCAATGTCCTGAAGGCATGGCAGCTGAGCTGA
 AATGTCGGGCCTCCACATCCCTGACATCTGTATCTTGGATTACTCCAAATGGAACAGTCATGACACATGG
 GCGGTACAAAGTGCGGATAGCTGTGCTCAGTGATGGTACGTTAAATTTACAAATGTAACCTGTGCAAGAT
 ACAGGCATGTACACATGTATGGTGAATAATCCGTTGGGAATACTACTGCTTCAGCCACCCTGAATGTTA
 CTGCAGCAACCACTACTCTTTCTTACTTTTCAACCGTCACAGTAGAGACTATGGAACCGTCTCAGGA
 TGAGGCACGGACCACAGATAACAATGTGGTCCCCTCCAGTGGTTCGACTGGGAGACCACCAATGTGACC
 ACCTCTCTCACACCACAGAGCACAAGGTCGACAGAGAAAACCTTACCATCCCAGTACTGATATAAACA
 GTGGGATCCCAGGAATTGATGAGGTCATGAAGACTACCAAAATCATCATTGGGTGTTTTGTGGCCATCAC
 ACTCATGGCTGCAGTGATGCTGGTCATTTCTACAAGATGAGGAAGCAGCACCATCGGCAAAACCATCAC
 GCCCAACAAGGACTGTTGAAATTATTAATGTGGATGATGAGATTACGGGAGACACCCATGGAAGCC
 ACCTGCCATGCCTGCTATCGAGCATGAGCACCTAAATCACTATAACTCATAAAATCTCCCTTCAACCA
 CACAACAACAGTTAACACAATAAATTCAATACACAGTTCAGTGCATGAACCGTTATTGATCCGAATGAAC
 TCTAAAGACAATGTACAAGAGACTCAAATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001258419.1](#), [NP_001245348.1](#)

RefSeq Size: 2795 bp

RefSeq ORF: 1923 bp

Locus ID: 57689

UniProt ID: [Q9HCJ2](#)

Cytogenetics: 11p12

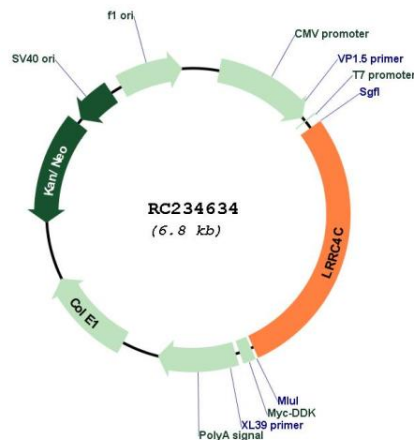
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Axon guidance

MW: 71.9 kDa

Gene Summary: NGL1 is a specific binding partner for netrin G1 (NTNG1; MIM 608818), which is a member of the netrin family of axon guidance molecules (Lin et al., 2003 [PubMed 14595443]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC234634