

Product datasheet for **SC332699**

Netrin G1 ligand (LRRC4C) (NM_001258419) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Netrin G1 ligand (LRRC4C) (NM_001258419) Human Untagged Clone
Tag:	Tag Free
Symbol:	Netrin G1 ligand
Synonyms:	NGL-1; NGL1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332699 representing NM_001258419. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGTTGAACAAGATGACCTTACATCCACAGCAGATAATGATAGGTCTAGGTTTAAACAGGGCCCTATTT
GACCCCTGCTTGTGGTCTGCTGGCTCTTCAACTTCTTGTGGTGGCTGGTCTGGTGC GGCTCAGACC
TGCCCTTCTGTGTCTCTGCAGCAACCAGTTCAGCAAGGTGATTTGTGTTGCGAAAACTGCGTGAG
GTTCCGGATGGCATCTCCACCAACACACGGCTGCTGAACCTCCATGAGAACCAATCCAGATCATCAA
GTGAACAGCTTCAAGCACTTGAGACACTTGAAATCCTACAGTTGAGTAGGAACCATATCAGAACCATT
GAAATTGGGGCTTCAATGGTCTGGCGAACCTCAACACTCTGGAACCTTTGACAATCGTCTTACTACC
ATCCCGAATGGAGCTTTTGTATACTTGTCTAAACTGAAGGAGCTCTGGTTCGCAAAACCCCATGAA
AGCATCCCTTCTTATGCTTTTAAAGAATTCCTTCTTTCGCGCGACTAGACTTAGGGGAATTGAAAAGA
CTTTCATACATCTCAGAAGGTGCCTTTGAAGGTCTGTCCAACCTGAGGTATTTGAACCTTGCCATGTGC
AACCTTCGGGAAATCCCTAACCTCACACCGCTCATAAACTAGATGAGCTGGATCTTCTGGGAATCAT
TTATCTGCCATCAGGCCTGGCTCTTCCAGGGTTTGATGCACCTTCAAAAAGTGGATGATACAGTCC
CAGATTAAGTGATTGAACGGAATGCCTTTGACAACCTCAGTCACTAGTGAGATCAACCTGGCACAC
AATAATCTAACATTACTGCCTCATGACCTTCTCACTCCCTTGCATCATCTAGAGCGGATACATTTACAT
CACAAACCTTGGAACTGTAACCTGTGACATACTGTGGCTCAGCTGGTGGATAAAAGACATGGCCCCCTCG
AACACAGCTTGTGTGCCGGTGAACACTCCTCCAATCTAAAGGGGAGGTACATTGGAGAGCTCGAC
CAGAATTACTTACATGCTATGCTCCGGTGATTGTGGAGCCCCCTGCAGACCTCAATGCTACTGAAGGC
ATGGCAGCTGAGCTGAAATGTCGGGCCTCCACATCCCTGACATCTGTATCTTGGATTACTCCAAATGGA
ACAGTCATGACACATGGGGCGTACAAAGTGC GGATAGCTGTGCTCAGTGATGGTACGTTAAATTTCA
AATGTAACCTGTGCAAGATACAGGCATGTACACATGTATGGTGAGTAATCCGTTGGGAATACTACTGCT
TCAGCCACCCTGAATGTTACTGCAGCAACCACTACTCCTTCTTACTTTTCAACCGTCACAGTAGAG
ACTATGGAACCGTCTCAGGATGAGGCACGGACCACAGATAACAATGTGGGTCCACTCCAGTGGTCGAC
TGGGAGACCACCAATGTGACCACCTCTCTCACACCACAGAGCACAAGGTGACAGAGAAAACCTTACC
ATCCAGTGACTGATATAAACAGTGGGATCCAGGAATTGATGAGGTGATGAAGACTACAAAATCATC
ATTGGGTGTTTTGTGGCCATCACACTCATGGCTGCACTGATGCTGGTCATTTTCTACAAGATGAGGAAG
CAGCACCATCGGCAAAACCATCACGCCCAACAAGGACTGTTGAAATTATTAATGTGGATGATGAGATT
ACGGGAGACACACCCATGGAAAGCCACCTGCCATGCCTGCTATCGAGCATGAGCACCTAAATCACTAT
AACTCATACAAATCTCCCTTCAACCACACAACAACAGTTAACACAATAAATCAATACACAGTTCAGTG
CATGAACCGTTATTGATCCGAATGAACTCTAAAGACAATGTACAAGAGACTCAAATCTAA

```



View online »

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001258419
Insert Size:	1923 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:	<ol style="list-style-type: none"> 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
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:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>