

Product datasheet for **SC125668**

Netrin 5 (NTN5) (BC021210) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Netrin 5 (NTN5) (BC021210) Human Untagged Clone
Tag:	Tag Free
Symbol:	Netrin 5
Synonyms:	Netrin-5; netrin 5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC021210 edited
CAGCCACGCCACTCCCTCCTGAGAGCCACCGCGCCACAGCTTGGAGGAAGAGCCTGCGG
GGAAGTGGCTGCAGGACGCTCTCTTCTTGTGAGTGCAGGTGCTGGCTCTGCTGTGACCATGC
CCGTGACCTTTGCCCTCCTGCTCCTCCTGGGCCAGGCCACTGCGGACCCATGCTACGATC
CACAGGGCCGCCCAATTCTGCCTCCCGCCAGTGACACAGCTGGCTGCCGTGGCGGCCT
CCTGCCCTCAGGCCTGTGCCCTGTCCCCAGGAAACACCTTGGCGCCAGGGAACCTGCA
ATGGCAGCCTGACTTTGGCCCTGGGTGGCCCTTCTCCTGACATCTGTACAGTTGCGCT
TCTGTACCCAGGACCCAGCCCTCATCCTGTCTGCTGCCTGGGCCTCAGGGGGTCCCT
GGAGGCTGCTGTGGCACAGGCCCGCCTGGCCTGGGGCCTTAGGGGGCCTGAAAGGGTGA
CCTTCCACTCCACACCAGGTCTAAGGCCACTGTGGCGGCCAGCCACCTCCGTGTGGAGT
TTGGGGGCCAGGCCGGGCTAGCGGCAGCTGGGCTGAGAGGCCGCTGCCAGTGTATGGCC
ACGCTGCCCGCTGTGCCCGCGTGCCCGGCCCGCCGCTGCCACTGCCGCCACCATACCA
CTGGCCCGGGGTGCGAGAGCTGCCGCGCGTCCATCGAGACTGGCCCTGGCGGCCTGCCA
CGCCCCGGCACCCCACTTGCCTACCCTGCTCCTGCAACCAGCATGCCCGACGCTGCC
GGTTCAACTCTGAGCTGTTGAGCTGTGCGGGCGCCGAGTGGGGGTGTTTGTGAGCGGT
GCCGCCACACACAGCTGGGCGGCACTGCCACTACTGCCAACCTGGGTTCTGGAGGGACC
CTAGCCAGCCTATCTTACGCCGAGGGCCTGCAGAGCCTGCCAGTGCCACCCATTGGGG
CAACAGGAGGAACCTGCAACCAGACCACTGGGCACTGCACCTGCAAGTTAGGGGTACAG
GCCTGACCTGCAACCGCTGTGGCCCTGGCTACCAGCAGAGCCGCTCCCCAGGATGCCCT
GCCAGCGAATTCAGAGGCAACAACACCTTGGCACTACTCCTGGTGCTATAGCTCTG
GTAAGACAGTCTGGCACGGAGGTCCCTGAGTGGCAAGTGGGAATGAGGATGGGCTGACTG
GGTCCCCAGATGGGATACATGGGTACCCATTGAGCCAGTCCCAAAGTTTGGGTACC
CCAGCTGGCCATCAAGATGGAACGGAGGGATGGGCAGGGGAGAAGGCTGTGGTCTAGGC
CCAGGAGCCCACTGACAGACAGCCTGACCCTCCCAAGACCTCAGTGTCAAACTACTGC
AATATGTGCGACACAGGATACACATGAGCCTTCGAGGTAAGTGCAGCAGGACCATGGT
GAGTGTGGGGAGACAGACAGCTGAAGGCTACACAGCTGGTTCTGATGACTGCTTCTAAG
CCACCCCTTTCTGGCCTTCCACTTTCTCATCTTAAATGGGAAGGAGTGTGGATTCCAA
ACCCCTTCTGATCTAGAAATTGATGGGGCAGAAGACAAATGGGGAGGGGAGTGGGGAGG
GGGCATTCACTACCTTCTGTGTCTCTCTTTCCCATGTTCTTCGGCTTACAGAGTTTC
ATCATCTCCTTCAGCCTGACATCTCTGAGGGATGGAAGAGATAGGGGAAGTGGTTGAGTG
GAATGAAGTCTTGCCCTGTCTCCCTATCTCAGAGACCCCTTCTGCTTCCCTTCATGGTC
CCAGATATTTGAGCCTTAGCCCCACTTCCCATAAAGACTTGTCCACAGGTTCCCTAATCC
CCAGTCCACACCTGCTCCATGACCTTGGGGTCTATGACCTCAGGCTATTGAGCTCTCTTA
AGACACTCAGGAGTTCGGCCAGCCAACAAATCTAGACCAACGCCAGCTATTTCTCTCAA
TGTATAGGACCGCAGACTTCTCCCTCAGGAACCTCATCTGGTCACTAGTGTCTAGGCCCT
TCACAGGTGGAAGATTTTCCCACTTCCACAGGGATCTCTGCCCGCAGACCCAGCT
GGCTAGTCAGAGTCCCACCCAGCCTCTCAGAAAGTGCATTTTCTGGCCGGGCGCGGTGG
CTCATGTCTAATAATCCCAGCACTTTGTGGGGGCGGAGGTGGGCGGATCACTTGAGGTCAG
GAGTTCGAGACCAAGCCTGGCCAAACATGGTGAACTCCATCTCTACTAAAAATACAAAAAT
TAGCCAGGCGTGGTGGCAGGATCCTGTAAACCCAGCTGAGGCACAAGAATCACTTCAACC
TGGGAGGCAGAGGCTGCACTGAGTTGAGATCACACCACTGCACTCCAGACTGGGCAATAG
AGTAAGATTCCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC021210 unedited <pre> GCCCCACGCGCCACAGCCTTGGAGGAAGAGCCTGCGGGGAAGTGGCTGCAGGACGCTCT CTTCTTGAGTGCAAGTGCTGGCTCTGCTGTGACCATGCCCGTGACCTTTGCCCTCCTGCT CCTCCTGGGCCAGGCCACTGCGGACCATGCTACGATTCCACAGGGCCGCCCCAATTCT GCCTCCCGCCAGTGACACAGCTGGCTGCCGTGGCGGCCTCCTGCCCTCAGGCCTGTGCCC TGTCCTCCAGGAAACACCTTGGCGCCAGGGAACCTGCAATGGCAGCCTGACTTTGGCCC TGGGTGGCCCCCTTCCTCCTGACATCTGTCAGCTTGGCTTGTACCCAGGACCCAG CCCTCATCCTGTCTGCTGCCTGGGCCTCAGGGGGTCCCTGGAGGCTGCTGTGGCACAGGC CCGCCTGGCCTGGGGCCTTAGGGGGCCCTGAAAGGGTGACCTTCCACTCCACACCAGGTC CTAAGGCCACTGTGGCGCCAGCCA </pre>
Restriction Sites:	Please inquire
ACCN:	BC021210
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>BC021210.2</u> , <u>AAH21210.2</u>
RefSeq Size:	2442 bp
Locus ID:	126147
Cytogenetics:	19q13.33
Gene Summary:	Plays a role in neurogenesis. Prevents motor neuron cell body migration out of the neural tube.[UniProtKB/Swiss-Prot Function]