

Product datasheet for SC211990

Neurexin II alpha (NRXN2) (NM_138734) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Neurexin II alpha (NRXN2) (NM_138734) Human 3' UTR Clone
Symbol:	Neurexin II alpha
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138734
Insert Size:	1052 bp
Insert Sequence:	>SC211990 3'UTR clone of NM_138734 The sequence shown below is from the reference sequence of NM_138734. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AAGAACAAGACAAGGAGTATTATGTCTGAGCCCCGGCACTGCGCCCCACTGCCAGCTGCCCTCCTG
GGAGGGCCCGGGAGGAGGTGCCACCCTCTCCCTGCCAGGGGCTGGGGACCTCTCCCTGGCTGCCTC
AGGCTTCTCTTACGAAGAGGAAACGAAAAAAGAAAGAAAAACCCGTGCTCGCCCCCTTCCTCCT
GCCGTCCACTGCGCGGCTCGTCAGTCCCGGGGTGACTGTCCCTCTCAGCTCTGCGCTGCCAGGCAG
GGCACGTGCTCACAGCCCTGGGTGATTTATTTTTTAAGGGGTAGTTTATTTTGGTGGGGTGGGT
GGGAAGGAAGGCTGGGGTTTTGTAAAGTGCCACTGCTCGTCGTGTTAATTTTCTCAATTTTCTTC
TTCTTCTTCTGTCCCTCCTGCCTTCTTCTTCCCAAGCCCTCCAATCCCCATCCCAGGCTTGCTGT
GTCTCACTGTCCCCACCCTCCTTCCCTACTTCTTTTTTGTGTGCTGGTTTCTCCCTTCTTCTCCTC
CTTTGGGTTTCCAGAGTCGGTGGGAGAAGGGCGGGAGGGTGGGCCGAGTGGCCAGTGGGTGGTGGG
GTGGGGTGGGCAAGTCCCCAACTCCCTCACCAGGAGAGGCACCTGCTTGGTGCCGCCAGGGAAGG
GGCTCAGGCCTGACGGAAGGCCTGTTCTGTGTGTGCCCGGGCGACGTGCATTGATGGGAAGCTGCT
GGAGGAGCAGGGTGGGGGTGGGAGGGAGGGAAAGGCAATGCAGATATATATTACAGACAAATACT
CTAGATTCACAGCAGCAGCCTGTGGCACCCGCTGGGCGCGGGCAGCAGGGAAGAGGGAGCAAGGCAT
TGTCACAGACTGCTGGGTCACTTCTTTGCCACGGGCTCCCTGCTCCCCAGTTTTTTTCTCTCTT
TGTTAACAAATGTGTCTGAGTCTTGAAAAACACCCCAACCCCGGAAATGTGTGGGAAAAAGAAAACAAA
AACTTTCCAAATCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_138734.3</u>
Summary:	This gene encodes a member of the neurexin gene family. The products of these genes function as cell adhesion molecules and receptors in the vertebrate nervous system. These genes utilize two promoters. The majority of transcripts are produced from the upstream promoter and encode alpha-neurexin isoforms while a smaller number of transcripts are produced from the downstream promoter and encode beta-neuresin isoforms. The alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and have been shown to interact with neurexophilins. The beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. Alternative splicing and the use of alternative promoters may generate thousands of transcript variants (PMID: 12036300, PMID: 11944992).[provided by RefSeq, Jun 2010]
Locus ID:	9379
MW:	37.1