

Product datasheet for SC305451

NEURL4 (NM_032442) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NEURL4 (NM_032442) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEURL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305451 representing NM_032442. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGCGGCAGGGTCGGGTGGGAGTGGGGCTCTGGGGAGGCCCTGGACCGGGCGGGCGGGGGTGGG
 GGCCCCAGCGGGAGCGGCTCAGGACCGGGTCCAACGGGGTCTGGGCAGCGCGGGGAAGTGCACCCG
 CGCACTGGGCGCTTGGTGAGCCTGTGGGCTGTGGGCGTACGGCGCGCGGCAGCAGCGGGCCAGGAG
 TTTAACACCGGGCTGGTGTGAGCCGAGAACCCTTGCAGATGGACGCGTCTTACCCTCCGATCGAC
 CGCAAGGTCAACTCCTGGAGCGGCTCCATTGAGATTGGGTGACAGCGCTGGACCCAGTGTGCTGGAC
 TTCCAAGCAGTGCCACGGGCTGAAGGGGGCTCGTGGGTAGTGTGGGCTGCTGTGCTGAGAGAT
 GGACGCTCTGTGTGGAGGAGTATGGTCAGGACCTGGACAGCTTGGTGAAGGGGACCGCTGGGCGTG
 GAGCGCACAGTTGCTGGGAGCTTCGGCTCTGGGTGAATGGGCGGATTGCGGTGTGGTGCCACAGGC
 CTGCCCCCTCGTGTCTGGGCGTCTGGACCTTTATGGCAAGTGCACCCAGATCACCCTGCTACCCCT
 GAGCCAGGCTTCAGCCCCCTACTCCCATCCCCACCTCCCTCGAGCCCTTGGCCCCACTGAAGAC
 TCTGCCTTGGCTGAACAGGGGACCTCTGCAGATGAAGCCTTCATGGTGTCCCAGCGCAGGCCCGCCG
 GAGACGTTTCTAACAGCCTTGAGTCGATAATGACTTTGCCAATGAGCTGTCTGAGGTGGTGAAGC
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 GGCCTGGGATCTAGCGGTGCTGCCACCTCGCCATTCTCACTTCAACGATGCCCTGCTCTTTCATGAA
 AAGTGCAGGACCTCATCAAACTCAGCAACAATAAAGACGGCTGAGCGCCGGCGGCCCTGGATGAA
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 AAGCTTGTGATAAGTGGTCAGGCTCCATTGAGATTGGGGTCAACCCACAACCCCAACAGTTTGGAG
 TACCCAGCCACCATGACCAACCTCCAGTCAGGCACCATCATGATGAGCGGCTGTGGAATCCTGACCAAT
 GGCAAGGGCACC CGCGGGAGTACTGCGAATTCAGTCTGGATGAGTTGCAGGAGGGTGACCACATTGGC
 CTCACAAGGAAGTCAACTCTGCCCTACCTTCTTCAATTAATGGTATCGATCAGGAGTGGAACCCCC
 TTGACGCCCCAGTGGTGTATGGTGTGGTGACTTGTACGGGATGGCAGTGAAGGTGACCATCGTCCAC
 AATAACAACACAGTGACCGTCTCCGCCGAAACAACGCCATCCTCGGGCGCTGTCCCCGAGGGTGCT
 CTCGCGCTGTGCCCTGCCGCCAGGCAGAACCTGAGCGCCTGCTCTTCCACCCCACTGTGGGCAG
 AAGGCAGCCATCACCCACGAGGGACGCACTGCCCTGAGGCCCCATGCCACCGATGACTTCAATCACGGC


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GTGGTGTGAGCAGCAGAGCCCTGCGGGATGGAGAGGTGTTCCAGGTGCGCATCGACAAGATGGTGGAC
 AAATGGGCTGGCTCCATTGAAATTGGTGTACCAACCCACAACCCTGCCTACCTCCAGTTGCCCTCCACC
 ATGACCAACTTGGCTCTGGGACCTGGATGATGACTGGGAATGGGGTGATGCACAATGGGACGACCATC
 CTGGATGAATACGGGCACAATCTGGACCGCTCAAGGCAGGGGACACGGTGGGCGTGGTACGGCGGGAG
 GACGGGACTCTCACTTCTTTGTCAATGGGATGACTCAGGGCCCTGCTGCCTGGAACGTGCCCCGGGC
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 CCAGTTCTGAACCACTCCCTGAGGGGAACAACAGGTGTCTCCAAGCTCTCCGTCTCAGGGGCCGGG
 GGCTCTGACCTGCGCTTCCATCAGCTGCACGGCAGTAACGCAGTCATCACTAACGGGGGCCGACCGCC
 CTCCGCCACAACGTGTCGACGAGTTTAATGACGCCATCGTCATCTCAACCGGGCCCTGCGGGATGGA
 GAGCTGTTTGAATTGTCAATCAGAAGATGGTGGACCGCTGGTCAAGCTCCATTGAGGCTGGAGTGACT
 GCTATTCGGCCTGAAGACCTGGAATCCCCAACACCATGACAGACATTGACTATGACACATGGATGCTG
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 GGCACAGGTGCACGATTGGCATGATGCGAACTGCCAAGGGCGACCTGCACTACTTCATCAACGGCCAG
 GACCAAGGCGCTGCTGCTCGGCCTGCCTCCGGGTAAGAGGTGTATGCGGTAGTCGATCTCTATGGC
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 GCCACCGAGAAGTCCTTCCCACTGCACTCCCACTGGCTGGCTGGCTACCGATTCCACAGTACTTGC
 GGCAAGAACGTCCTCTAGAGGAGGATGGCACGAGGGCAGTGCCTGCCGCTGGCTATGCTCATGGCCTT
 GTCTTCAGTACCAAGGAGCTGAGGGCTGAGGAAGTCTTTGAGGTGAAAGTGAAGAGCTAGATGAGAAG
 TGGGCAGGTTCCCTGCGCTGGGCTGACCACACTAGCACCGGGGAGATGGGACCCGGGGCAGGCGGT
 GGTGGCCAGGGCTGCCTCCTTCCCTGCCAGAGCTCCGGACGAAGACCACTTGGATGGTATCCAGCTGT
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 CCTGACCCACTGGCATTGCCAAGAAGCTGTGGGCTGTGTTGGATCTCTACGGCCAGTCCGCGGTGTG
 TCAATTGTCAAGTCCACGAGACTGGAGGAGTCAGAAGGCACCCAGCCTCCTTCCCCAGTTCAGACACC
 GGCAGTGAGGGCGAGGAGGATGACGAGGGCGAGGAGCATGGCCTGGGAGGCCAGAATGAAGTGGGTATT
 ATACCCACCACCCTCGAGTTCCTGGAGAACCATGGGAAGAATATCCTTTTGTCTAATGGGAACCGTACG
 GCCACACGGGTGGCCAGCTACAATCAGGGCATCGTTGTCAATCAACCAACCTCTGGTGCCCCAGTGCTG
 GTGCAGGTGCGGATAGATTTCTAAACCGACAGTGGACATCTTCCCTTGTCTGGGAGTCATCACCTGC
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 GGCACCATCTGGGACTGCGGCTGGACAGCTCTGGGGGGCTGCATCTTCATGTTAATGGGTGGACCAG
 GGGGTAGCTGTGCCAGATGTGCCCCAGCCCTGCCATGCGCTTGTGGACCTCTATGGGCAGTGTGAGCAG
 GTGACAATCGTGAACCTGAGCCAGGGGCTGCCAGTGGGAAAAGTGTGGAACCAAGGGGACATGGAG
 AAAGCAGACATGGTGGACGGTATCAAAGAGAGTGTGTGCTGGGGTCCACCACCTGCCCTAGTCTCTA
 AAGAGCTGCGAGTACCATGCCCTTGTCTCGCTTCCAAGAACTCTGCTGCTTCCCGAAGATTATTTT
 ATGCCTCCGCCAAAGCGAAGCCTGTGCTACTGTGAGTCTTGCCGGAAGCTGCGAGGAGACGAGGCCAC
 AGGCGCAGAGGGGAGCCTCCCCGGGAATATGCACTGCCCTTGGTGGTGCAGGTTCAACCTCAGAGTG
 AATCCCCGCTGGAGGCTGGGACACTAACCAAGAAGTGGCAGATGGCATATCACGGGAGCAATGTTGCC
 GCTGTACGGAGAGTGTGGACCGAGGGGAGCTGGGAGCAGTACTGCCTCCATCCTGAGCTGCCGTCTT
 TTGAAGGGAGAACCTGGGGTAGGGTTGAGGAGCCTGGCGAGAAGTGTGACCTCCTCGGGAGGAGCAG
 CCCCCCTCTGTGCTGCTTCCCCCTCCCTTCAATATGCTGGGGCGGAGACCCTGGCCTCCAAAGTGCAA
 TTCCGGGACCCCAAATCCCAGCGGACGACACAGGCTCAGGTGGCGTTCCAGGTGTGTGTGCGCCCTGGC
 TCCTACACCCCGGACCCCTTCCGCTGCCCTTGGAGAACCTCCTGACCCTCACTTCAGTCCAGCCGAA
 CTTGAGTGGGTCACTAAGGAGAAGGGGGCCACTCCTCTGTGCCCTGCTGGTACGGGTGGAA**TGA**
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
 ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_032442
Insert Size: 4689 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>NM_032442.2</u>
RefSeq Size:	5217 bp
RefSeq ORF:	4689 bp
Locus ID:	84461
UniProt ID:	<u>Q96JN8</u>
Cytogenetics:	17p13.1
MW:	166.9 kDa
Gene Summary:	The protein encoded by this gene is predicted and it includes two isoforms resulting from two alternatively spliced transcript variants. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes the longer isoform (1).