

Product datasheet for **SC305828**

NEURL2 (NM_080749) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: NEURL2 (NM_080749) Human Untagged Clone
 Tag: Tag Free
 Symbol: NEURL2
 Synonyms: C20orf163; OZZ; OZZ-E3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >SC305828 representing NM_080749.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCTGCTGCCTCCGAGCCCGTGGATTCGGGTGC ACTCTGGGGACTCGAGCGCCCGGAGCCCCCTCCC
ACCCGCTTCCATCGGGTGCACGGTGCCAACATCCGCGTGGACCCCTCTGGGACGCGGGCCACACGCGTG
GAGAGCTTCGCCACGGCGTGTGCTTCAGCCGCGAGCCGCTGGCCCCGGGCCAGGTCTTCTGGTCGAG
ATCGAGGAGAAAGAGCTGGGCTGGTGCGGACATCTGCGTCTCGGTCTGACCGCGCTGGACCCCGCCAGT
CTGGCCCCGTTCCCGAGTTTTCTGCCCGATCTGGTCAACCTGGGCCACACCTGGGTCTTCGCCATC
ACGCGCCACCACAACCGCTGCCCGGGAGGGCCGCCCGGAGGGCGAGGCAGCGGCCCCAGCCGACCT
CCAACCTCCTCGTGGAACCATATCTGCGCATTGAGCAGTTTCGATTCCCGGGACCGCCTGGTGGGC
CGCAGCCGGCCAGGGCTCTACAGCCATCTCTTGACCAGCTCTATGAGCTGAACGTGCTGCCTCCGACC
GCGCGCGTAGCCGCTGGGTGTCTTTTGCCCGCGCCCCGATGGCACGGCCGACATGCACATCATC
ATCAACGGCGAGGACATGGGCCCGAGCGCCCGGGGACTGCCAGCTGCGCAGCCCCCTACGCGGTGGTG
GACGTGTTTGCTCCACAAGAGCGTGCGCCTTGCCAGCTCGAGTATGGCTTGCATCCCTGCAGACT
CTGTGCCGCTAGTGATACAAAGGAGCATGGTGCACCGGCTGGCCATTGATGGGTCCACCTGCCAAA
GAACTTAAGGATTTCTGCAAGTATGAGTGA
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII
 ACCN: NM_080749
 Insert Size: 858 bp



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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:	<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:	<u>NM_080749.3</u>
RefSeq Size:	1440 bp
RefSeq ORF:	858 bp
Locus ID:	140825
UniProt ID:	<u>Q9BR09</u>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome
MW:	31.7 kDa
Gene Summary:	<p>This gene encodes a protein that is involved in the regulation of myofibril organization. This protein is likely the adaptor component of the E3 ubiquitin ligase complex in striated muscle, and it regulates the ubiquitin-mediated degradation of beta-catenin during myogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2013]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>