

Product datasheet for **SC334901**

NEURL2 (NM_001278535) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NEURL2 (NM_001278535) 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:	>NCBI ORF sequence for NM_001278535, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCTGCCCTCCGAGCCCGTGGATTTCGGGTGCACTCTGGGGACTCGAGCGCCCGAGCCCCCTCCCA  
CCCCGTTCCATCGGGTGCACGGTGCCAACATCCGCGTGGACCCCTCTGGGACGCGGGCCACACGCGTGGA  
GAGCTTCGCCCACGGCGTGTGCTTCAGCCGCGAGCCGCTGGCCCCGGGCCAGGTCTTCTGGTTCGAGATC  
GAGGAGAAAGAGCTGGGCTGGTGCAGACATCTGCGTCTCGGTCTGACCGCGCTGGACCCCGCCAGTCTGG  
CCCCCGTTCCCGAGTTTCTCTGCCGATCTGGTCAACCTGGGCCACACCTGGGTCTTCGCCATCACGCG  
CCACCACAACCGCTGCCCGGGAGGGCCGCCCGAGGGCGAGGCGAGCGGCCCCAGCCGACCTCCAACC  
CTCCTCGTGAACCATATCTGCGCATTGAGCAGTTTCGCATTCCCGGGACCGCCTGGTGGCCGCGAGCC  
GGCCAGGGCTCTACAGCCATCTCTGGACCAGCTCTATGAGCTGAACGTGCTGCCTCCGACCGCGCGCCG  
TAGCCGCTGGGTGTCCTCTTTTGGCCGCGCCCGATGGCACGGCCGACATGCACATCATCAACGGC  
GAGGACATGGGCCCGAGCGCCCGGGGACTGCCAGCTGCGCAGCCCTCTACGCGGTGGTGGACGTGTTTG  
CTTCCACAAGAGCGTGCGCCTTGCCAGCTCGAGTATGGCTTCTTCTCCACAGTGCCATCCCTGCAG  
ACTCTGTGCCGCCTAG
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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001278535
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).



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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_001278535.1, NP_001265464.1</u>
RefSeq Size:	1454 bp
RefSeq ORF:	786 bp
Locus ID:	140825
UniProt ID:	<u>Q9BR09</u>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome
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 (2) uses an alternate splice site that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.</p>