

## Product datasheet for **SC333763**

### NEURL3 (NM\_001285486) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NEURL3 (NM_001285486) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEURL3
Synonyms:	LINCR; RNF132
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333763 representing NM_001285486. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**  
 ATGGACGTGTATGGGACCACTAAGGCCATCGAGCTGCTGGATCCACAGCCAGCCGGCTCCCAACACCC  
 ATGCCATGGGACCTCAGCAACAAGGCTGTGCCTGAGCCCAAAGGCTTTGGGCCAAAGATTTGGCTCTG  
 CCTACTGGAAACCTAAAAGCAACCTGGCATCTCTGCCTTCGAGAGCATTTCCTACTCTCCACACCAGG  
 AGAGGAGTGTGCCATCTGCTTCTATCAGCTGCCAACACCCGCTTGTGCCCTGCGGCCACACATACTT  
 CTGCAGATACTGTGCCTGGCGGGTCTTCAGCGATACGGCCAAGTCCCTGTGTGCCGCTGGCAGATAGA  
 GGCGGTAGCCCTGCGCAGGGCCCTCTGCTCTGAGGGT**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001285486
Insert Size:	387 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).
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).


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**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:** NM\_001285486.1

**RefSeq Size:** 1770 bp

**RefSeq ORF:** 387 bp

**Locus ID:** 93082

**Cytogenetics:** 2q11.2

**MW:** 13.9 kDa

**Gene Summary:** E3 ubiquitin-protein ligase. Seems to utilize UBE2E1. In vitro, generates polyubiquitin chains via non-canonical lysine residues suggesting that it is not involved in tagging substrates for proteasomal degradation.[UniProtKB/Swiss-Prot Function]  
 Transcript Variant: This variant (2) contains two alternate exons, one of which results in a frameshift, compared to variant 1. The resulting protein (isoform b) uses a downstream, in-frame AUG and has a distinct C-terminus, compared to isoform a.