

Product datasheet for **SC315903**

UNC13C (NM_001080534) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: UNC13C (NM_001080534) Human Untagged Clone

Tag: Tag Free

Symbol: UNC13C

Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001080534, the custom clone sequence may differ by one or more nucleotides

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ATGGTGGCTAATTTTTCAAGAGCTTGATTTTACCTTACATTCTAAGCTTTGCAAAGGA
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 GTAAGACTTAAATCTGAAACAAGATCTACTGAAGAGAGTGCT

Restriction Sites:	Please inquire
ACCN:	NM_001080534
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: [NM_001080534.1](#), [NP_001074003.1](#)

RefSeq Size: 8140 bp

RefSeq ORF: 6645 bp

Locus ID: 440279

UniProt ID: [Q8NB66](#)

Cytogenetics: 15q21.3

Gene Summary: May play a role in vesicle maturation during exocytosis as a target of the diacylglycerol second messenger pathway. May be involved in the regulation of synaptic transmission at parallel fiber - Purkinje cell synapses (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.