

Product datasheet for **SC309788**

UNC79 (NM_020818) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UNC79 (NM_020818) Human Untagged Clone
Tag:	Tag Free
Symbol:	UNC79
Synonyms:	KIAA1409
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020818, the custom clone sequence may differ by one or more nucleotides

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ATGATATCAACGTTGGCTACCTTTCTCCATTTCTGCACAAGGATATCATTGAATATCTT
AGCACATCTTTTCTACCAATGGCTATATTGGGCTCCTCAAGGAGAGAAGGTGTACCTGCC
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ATGGCCAGGTGGAGATCCAGTCTCGGAAGCAGCCTCTCAATTTATCCTCTATGA

Restriction Sites:

Please inquire

ACCN:

NM_020818

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_020818.2 , NP_065869.2
RefSeq Size:	8471 bp
RefSeq ORF:	7377 bp
Locus ID:	57578
UniProt ID:	Q9P2D8
Cytogenetics:	14q32.12
Gene Summary:	The NALCN channel is responsible for Na(+) leak currents. The protein encoded by this gene, along with UNC80, is an accessory subunit of the NALCN channel that contributes to the Ca(2+) sensitivity of the channel. [provided by RefSeq, Sep 2016] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus and lacks an alternate internal segment compared to 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.