

## Product datasheet for **SC119328**

### CLNS1A (NM\_001293) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLNS1A (NM_001293) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLNS1A
Synonyms:	CLCI; CLNS1B; ICln
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119328 sequence for NM_001293 edited (data generated by NextGen Sequencing)

```
ATGAGCTTCCTCAAAGTTTCCCGCCGCTGGGCCAGCGAGGGGCTCCTGCGGCAGCAG
CCAGACACTGAGGCTGTGCTGAACGGGAAGGGCCTCGGCCTGGTACCCTTTACATCGCT
GAGAGCCGCTGTCTTGTTAGATGGCTCTGGATTAGGATTCTCACTGGAATACCCACC
ATTAGTTTACATGCATTATCCAGGGACCGAAGTACTGTCTAGGAGAGCATTGTATGTT
ATGGTGAATGCCAAATTTGANNAAGAATCAAAGAACCTGTTGCTGATGAAGAAGAGGAA
GACAGTGATGATGTTGAACCTATTACTGAATTTAGATTTGTGCCTAGTGATAAATCA
GCGTTGGAGGCAATGTTCACTGCAATGTGCGAATGCCAGGCTTGCATCCAGATCCTGAG
GATGAGGATTCAGATGACTACGATGGAGAAGAATATGATGTGGAAGCACATGAACAAGGA
CAGGGGGACATCCCTACATTTTACACCTATGAAGAAGGATTATCCCATCTAACAGCAGAA
GGCCAAGCCACACTGGAGAGATTAGAAGGAATGCTTTCTCAGTCTGTGAGCAGCCAGTAT
AATATGGCTGGGGTCAGGACAGAAGATTCAATAAGAGATTATGAAGATGGGATGGAGGTG
GATACCACACCAACAGTTGCTGGACAGTTTGAGGATGCAGATGTTGATCACTGA
```

Clone variation with respect to NM\_001293.2  
261 a=>n;262 g=>n



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_001293 unedited  
TACGACTCCTATAGGCGGCCGACTTCGGCACGAGGGTGTGGTGCACGCATTGCTGTGC  
TCCAACCTCCCTCAGGCCTGTGTTGCCGACTCTGCTGCTATGAGCTTCCTCAAAAGTTTC  
CCGCCGCTGGGCCAGCGGAGGGGCTCTGCGGCAGCAGCCAGACACTGAGGCTGTGCTG  
AACGGGAAGGGCTCGGCACTGGTACCCTTTACATCGCTGAGAGCCGCTGTCTTGGTTA  
GATGGCTCTGGATTAGGATTCTCACTGGAATACCCACCATTAGTTTACATGCATTATCC  
AGGGACCGAAGTACTGTCTAGGAGAGCATTGTATGTTATGGTGAATGCCAAATTTGAA  
GAATCAAAAGAACCTGTTGCTGATGAAGAAGAGGAAGACAGTGATGATGATGTTGAACCT  
ATTACTGAATTTAGATTTGTGCCTAGTGATAAATCAGCGTTGGAGGCAATGTTCACTGCA  
ATGTGCGAATGCCAGGCCTTGCATCCAGATCCTGAGGATGAGGATTAGATGACTACGAT  
GGAGAAGAATATGATGTGGAAGCACATGAACAAGGACAGGGGACATCCCTACATTNTAC  
ACCTATGAAGAAAGATTATCCCATCTAACAGCAGAAAGCCAAGCCACACTGGAGAGATTA  
GAAGGAATGCTTTCTCAGTCTGTGAGCAGCCAGTATAATATGGGCTGGNGGTCANGACAG  
AAGATTCANNTAGAGATATGAAGATGGGATGGAGTGGGATACCACACCAACAGTCTGG  
AAAGTTTGAGATGCAAAATGTTGATACTGAAATGATNNATGCAGTTAGATCTGCTCCTAGG  
TAGAAAACTGGGGCTCTTCTTTGGAGGAGTAAAGGAGATTTTTCTTTCAAACAACC  
AACCATTTTTTGGAACTCTGAAAACATGGCCACGAGAAGAAATGACCTTAATGGAA  
ACTA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_001293 unedited  
NNNTTTAGCTTGGCCGCGCCGCTATCTAAGATCGTTTTTTTTTTTTTTTTTAAATATA  
CAAAACCTACGCTTATTTGTTAAGCTATTACAAAAACAAAACAATTACCATTTGAAGTAC  
TTTGAGGACTTCATCCCACCACTCACTTGTCTGTTACAGAACTAACCTAAAAGGCTGG  
AAATTAAGGATACAACCTAAGAGGCTATAACAGCAGACTGGTAAACATGGCGAAAGGA  
GCTCTCTCTTTCCCGCAGTCTACCAAGCTCCTGCGCATTTTACCACATAGATCTGCT  
AGCTTACAAATGATGCACACAGTCAAGGTAGGAATTATAGGCCTACTCAGAGGGTACCCA  
CACACAGAAAGTTCTAGGGTAAATAGTAAACTACAAATACCCTCTTGGTTAAGCTAATTC  
ATCACGTTCTAAAGGTCATATTATCTATCTTCTGCTGGTGACAACCTTGCTGTCTCATCA  
TAGTCCGCTCAAGAAAACAACCGGCTACGCTCGGCTCTGCAAAACGAAACAGACTTTC  
ATCAACTCCACTCCATAGTGAACAGGCACCAAGTTTCTCTCCTACCCTCAGGACCCAGA  
CCCTTAAACTTCGCCATAACACCACTTTCACTGTCCCAAATCCTGCATCCCTAAATGTC  
CACAAACTGCTGGTTGTGGTATACCCTCTCCATCCCCCTTGCATAATACTCTCATAGCA  
ACCTTTGTTCCCGCCCTATCCCTATTCTACTTGCCTCGCCACAACACTGCCACAAGC  
CCCTCCTCTACATTTCCATATGAGGCTTTGCCCCCCCGGTTGAAGAAGCGGAAAAT  
ACCTCTCTCTAGCGTCTCACAAAGTTTGCATGCCTCCCCCTGTCTCTCGATTTATGTC  
GCTTCCACACCATACTTCTCTAATTCAG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_001293

**Insert Size:**

1330 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001293.1</a> , <a href="#">NP_001284.1</a>
<b>RefSeq Size:</b>	1368 bp
<b>RefSeq ORF:</b>	714 bp
<b>Locus ID:</b>	1207
<b>UniProt ID:</b>	<a href="#">P54105</a>
<b>Cytogenetics:</b>	11q14.1
<b>Domains:</b>	ICln_channel
<b>Protein Families:</b>	Ion Channels: Other
<b>Gene Summary:</b>	<p>This gene encodes a protein that functions in multiple regulatory pathways. The encoded protein complexes with numerous cytosolic proteins and performs diverse functions including regulation of small nuclear ribonucleoprotein biosynthesis, platelet activation and cytoskeletal organization. The protein is also found associated with the plasma membrane where it functions as a chloride current regulator. Pseudogenes of this gene are found on chromosomes 1, 4 and 6. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Variants 1 and 2 both encode the same isoform (a).</p>