

Product datasheet for **SC332500**

CLCN6 (NM_001256959) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLCN6 (NM_001256959) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLCN6
Synonyms:	CLC-6; CONRIBA
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332500 representing NM_001256959.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGGGGTGCAGGGGGTCTCTGTGCTGCTGCTGCAGGTGGTGTGCTGCTGCGGTGAGCGTGAGACC
CGCACCCCGAGGAGCTGACCATCCTTGGAGAAACACAGGAGGAGGATGAGATTCTTCCAAGGAAA
GACTATGAGAAAGGTGCGAAGATATGAGGCGGTGAAGTGGATGGTGGTGTGGCCATTGGAGTCTGCAT
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ACATCGGTGGAGGAGTGCAGCCAGAAAGGCTGCCTCGCTGTCTCTCCTTGAACCTCTGGGTTTTAAC
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CACAACTCACCTATGAATTTCTGCAGGCCGGCTGAGGCAGCACTACCAGACCATCGA
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001256959

Insert Size: 2544 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).
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_001256959.1</u>
RefSeq Size:	5647 bp
RefSeq ORF:	2544 bp
Locus ID:	1185
UniProt ID:	<u>P51797</u>
Cytogenetics:	1p36.22
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	94.6 kDa
Gene Summary:	<p>This gene encodes a member of the voltage-dependent chloride channel protein family. Members of this family can function as either chloride channels or antiporters. This protein is primarily localized to late endosomes and functions as a chloride/proton antiporter. Alternate splicing results in both coding and non-coding variants. Additional alternately spliced variants have been described but their full-length structure is unknown. [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>