

## Product datasheet for **SC323915**

### SLC26A6 (NM\_022911) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_022911) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_022911.2  
 CCTCTAGCTCGAGCAGCAGGAGCAGCCCGACCCGACAACCTTGCAGCCATGGGGCTGGC  
 GGATGCGTCGGGACCGAGGGACACAGGCACTGCTGTCTGCAACACAAGCAATGGACCT  
 GCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTGGAGGAGCT  
 GGGGCGCTGGGGCTCAGCACCTAGGACCCACCAGTGGCGGACCTGGTTGCAGTGTCCCG  
 TGCTCGGGCCTATGCCCTTCTGCTCCAACACCTCCCGTTTTGGTCTGGTTACCCCGGTA  
 TCCTGTGCGTGACTGGCTCCTGGGTGACCTGTTATCCGGCCTGAGTGTGGCCATCATGCA  
 GCTTCCGACAGGGCTTGGCTACGCCCTCCTGGCTGGATTGCCCCCGTGTGGCCTCTA  
 TAGCTCCTTCTACCCTGTCTTACTCTACTTCTGTTTGGCACTTCCCGGCACATCTCCGT  
 GGGGACCTTTGCTGTCATGTCTGTGATGGTGGGAGTGTGACAGAATCCCTGGCCCCGCA  
 GGCCTTGAACGACTCCATGATCAATGAGACAGCCAGAGATGCTGCCCGGTACAGGTGGC  
 CTCACACTCAGTGTCTGGTTGGCCTTCCAGGTGGGGCTGGGCTGATCCACTTCGG  
 CTTGCGTGGTACCTACCTGTCAGAACCTTGTCCGAGGCTATACCACAGCTGCAGCTGT  
 GCAGGTCTTCGTCTCACAGCTCAAGTATGTGTTTGGCCTCCATCTGAGCAGCCACTCTGG  
 GCCACTGTCCCTCATCTATACAGTGTGGAGGTCTGCTGGAAGCTGCCCCAGAGCAAGGT  
 TGGCACCGTGGTACTGCAGCTGTGGCTGGGGTGGTGTCTGTTGGTGAAGCTGTTGAA  
 TGACAAGCTGCAGCAGCAGCTGCCATGCCGATACCCGGGGAGCTGCTCACGCTCATCGG  
 GGCCACAGGCATCTCTATGGCATGGGTCTAAAGCACAGATTTGAGGTAGATGTCGTGGG  
 CAACATCCCTGCAGGGCTGGTGCCTCCAGTGGCCCCAACACCCAGCTGTTCTCAAAGCT  
 CGTGGGACAGCGCTTACCATCGCTGTGGTTGGGTTTGGCATTGCCATCTCACTGGGGAA  
 GATCTTCGCCCTGAGGCACGGCTACCGGTGGACAGCAACCAGGAGCTGGTGGCCCTGGG  
 CCTCAGTAACCTTATCGGAGGCATCTCCAGTGTCTCCCGTGTGTTGCTCTATGTCTCG  
 GAGCGTGTACAGGAGAGCACCGGGGCACTCGCAGTTGCTGGAGCCATCTCTCCCT  
 TTTTCATCCTCCTCATCATTGTCAAACCTTGGGGAACCTTCCATGACCTGCCCAAGGCGGT  
 CCTGGCAGCCATCATCATTGTGAACCTGAAGGGCATGCTGAGGCAGCTCAGCGACATGCG  
 CTCCTCTGGAAGGCCAATCGGGCGGATCTGCTTATCTGGCTGGTACCTTACGCGCCAC  
 CATCTTGTGAACCTGGACCTTGGCTTGGTGGTGGCGTATCTTCTCCCTGCTGCTCGT  
 GGTGGTCCGGACACAGATGCCCCACTACTCTGTCTGGGGCAGGTGCCAGACACGGATAT  
 TTACAGAGATGTGGCAGAGTACTCAGAGGCCAAGGAAGTCCGGGGGTGAAGGTCTTCCG  
 CTCCTCGGCCACCGTGTACTTTGCCAATGCTGAGTTCTACAGTGTGCGTGAAGCAGAG  
 GTGTGGTGTGGATGTGCGACTTCCCTCATCTCCAGAAAGAAAGTCTCAAGAAGCAGGA  
 GCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAGCTTCGGAACAGGCTGCCTCCCC  
 CAAGGGCGCCTCAGTTTCCATTAATGTCAACACACAGCCTTGAAGACATGAGGAGCAACAA  
 CGTTGAGGACTGCAAGATGATGGTGTGAGCTCAGGAGATAAGATGGAAGATGCAACAGCCAA  
 TGGTCAAGAAGACTCCAAGGCCAGATGGGTCCACACTGAAGGCCCTGGGCTGCCTCA  
 GCCAGACTTCCACAGCCTCATCTGGACCTGGGTGCCCTCTCCTTTGTGGACACTGTGTG  
 CCTCAAGAGCCTGAAGAATATTTCCATGACTTCCGGGAGATTGAGGTGGAGGTGACAT  
 GGCGGCTGCCACAGCCTGTGGTCCAGCAGCTTGAGGCTGGGCACTTCTTCGATGCATC  
 CATCACCAAGAAGCATCTCTTTGCCTCTGTCCATGATGCTCACCTTTGCCCTCCAACA  
 CCCGAGGCTGTCCCGACAGCCTGTTTCGGTACCAGACTCTGAACATGCTACATCCT  
 GCCCAAGACTGCACCTCTGGAGGTGCAGGGCACCTTGAGAAGCCCTCACCCCTAGGCC  
 GCCTCCAGGTGCTACCCAGGAGTCCCCTCCATGTACACACACAACCTCAGGGAAGGAGG  
 TCCTGGGACTCCAAGTTCAGCGCTCCAGGTCTGGGACAGGGCCTGCATGCAGTCCAGGCTG  
 GCAGTGGCGCGGTACAGGGAGGGAAGTGGTGCATATTTTAGCCTCAGGAATAAAGATTTG  
 TCTGCTCAA  
 AAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_022911

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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_022911.2</a> , <a href="#">NP_075062.2</a>
<b>RefSeq Size:</b>	2662 bp
<b>RefSeq ORF:</b>	2280 bp
<b>Locus ID:</b>	65010
<b>UniProt ID:</b>	<a href="#">Q9BXS9</a>
<b>Cytogenetics:</b>	3p21.31
<b>Domains:</b>	Sulfate_transp, STAS
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene belongs to the solute carrier 26 family, whose members encode anion transporter proteins. This particular family member encodes a protein involved in transporting chloride, oxalate, sulfate and bicarbonate. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1), also known as L+Q, encodes the longest isoform (1).</p>