

## Product datasheet for **SC322096**

### **SLC2A11 (NM\_030807) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SLC2A11 (NM_030807) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC2A11
Synonyms:	GLUT10; GLUT11
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 SC322096  
 GGCTTGGGGCTTAGCCGAGTAAGGAGTGAGCGGCTTTTCAGCCTCAGTGCTGCGGCAGAG  
 GCGGATGGAGGATGAACTGGAGCCGTCCTACGGCCTCGGACGCAGATTCAGGGCAGGAT  
 CCTGCTCCTGACCATCTGCGCTGCCGGCATTGGTGGGACTTTTCAGTTTGGCTATAACCT  
 CTCTATCATCAATGCCCCGACCTTGACATTCAGGAATCACCAATGAGACATGGCAGGC  
 GCGTACTGGAGAGCCACTGCCAGATCACCTAGTCTGCTTATGTGGTCCCTCATCGTGTC  
 TCTGTATCCCCTGGGAGGCTCTTTGGAGCACTGCTTGACAGGTCCTTGCCATCACGCT  
 GGGAAAGGAAGAAGTCCCTCCTGGTGAATAACATCTTTGGTGTGACGAGCAATCCTGTT  
 TGGATTACGCCGCAAAGCAGGCTCCTTTGAGATGGTCATGCTGGGAAAGACTGCTCGTGGG  
 AGTCAATGCAGGTGTGAGCATGAACATCCAGCCATGTACCTGGGGGAGAGCGCCCTAA  
 GGAGCTGCGAGGAGCTGTGGCCATGAGCTCAGCCATCTTACGGCTCTGGGGATCGTGAT  
 GGGACAGGTGATCGGACTCAGGGAGCTCCTAGGTGGCCCTCAGGCCTGGCCCTGCTGCT  
 GGGCAGCTGCCTGGTCCCGGGGCGCTCCAGCTCGCCTCCCTGCCTCTGCTCCCTGAAAG  
 CCCGCGCTACCTCCTATTGACTGTGGAGACCCGAGGCCTGCCTGGCAGCACTACGGCA  
 GCTACGGGGCTCCGGGGACTTGGCAGGGGAGCTGGAGGAGCTGGAGGAGGAGCGCGCTGC  
 CTGCCAGGGCTGCCGTGCCCGGGGCCATGGGAGCTGTTCCAGCATCGGGCCCTGAGGAG  
 ACAGGTGACAAGCCTCGTGGTCTGGGCAGTGCCATGGAGCTCTGCGGGAATGACTCGGT  
 GTACGCCCTACGCCTCCTCCGTGTTCCGGAAGGCAGGAGTGCCGGAAGCGAAGATCCAGTA  
 CGCGATCATCGGGACTGGGAGCTGCGAGCTGCTCACGGCGGTTGTAGTTGTGTGGTAAT  
 CGAGAGGGTGGGTAGGCGCGTGTGCTCATCGGTGGGTACAGCCTGATGACCTGCTGGGG  
 GAGCATTTCACTGTGGCCCTGTGCCTGCAGAGCTCCTCACCTGGACACTTACCTGGC  
 CATGGCCTGCATCTTGCCTTACCTCGGCTTTGGCATTGGCCCTGCCGGAGTGACGGG  
 GATCCTGGCCACAGAGCTGTTTGACCAGATGGCCAGGCCTGCTGCCTGCATGGTCTGCGG  
 GCGCTCATGTGGATCATGCTCATCCTGGTCCGGCTGGGATTTCCCTTTATCATGGAGGC  
 CTGTGCCACTTCTCTATGTCCCTTTCCCTGGTGTCTGTGTCTGTGGGGCCATCTACAC  
 TGGCCTGTTCTTCTGAGACCAAAGGCAAGACCTTCCAAGAGATCTCCAAGGAATTACA  
 CAGACTCAACTTCCCAGGCGGGCCAGGGCCCCACGTGGAGGAGCTGGAGGTTATCCA  
 GTCAACAGAACTAGTCCCAAAGGGTGGCCAGAGCCAAAGCCAGCTACTGTCTGTCC  
 TCTGCTTCTGCCAGGGCCCTGGTCTCACTCCCTCCTGCATTCTCATTAAAGGAGTGT  
 TTATTGAGCACCTTTGTGTGACAGACATGGCTCCAGGTGCTTAGCAATCAATGGTGAAGC  
 TGGTATCCAGGCTAAAGGTAATTAAGTACAGAAAATCAGTAACAACATAATTACAGGC  
 TGGTTGTGGCAGCTCATGACTGTAATCCAGCACTTTGGGAGGCCAAGGTGGGAGGATCA  
 ATTGAGGCCAGAGTTTGAACCAGCCTAGGTAACATAGTGAGACCCCTATCTCTACAAA  
 AAATTTTAAACATTAGCTGGGCATGGTGGTATGTGCTAACAGCTTAGCTACTCAGGAGG  
 CTGAGGCAGCAGGATCACTTGAGTCAAGAGTTCAAGGTAGCAGTAAGCTACAATCACACC  
 ACTGCGTGCCAGACTGGGTGACAGAGGGGAGACTTCACTCTTTAAACATAATAATAATA  
 ATTACAGACTCAGGAAATGCAGTAAAAGAAAAATACAGGTTGGCCAGGTGAGGTGGCTGA  
 TGCCCTGTAATCCAGCACTTTGGGAGGCCAAGATGGGAAGATTGCTTTGAGACCAGAAAT  
 TTGAGACCAGCCTAGGCCACATAGTAAGATCCTGTTTCTACCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_030807

**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.

<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>	<u><a href="#">NM_030807.2</a></u> , <u><a href="#">NP_110434.2</a></u>
<b>RefSeq Size:</b>	2055 bp
<b>RefSeq ORF:</b>	1512 bp
<b>Locus ID:</b>	66035
<b>UniProt ID:</b>	<u><a href="#">Q9BYW1</a></u>
<b>Cytogenetics:</b>	22q11.23
<b>Domains:</b>	sugar_tr
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene belongs to a family of proteins that mediate the transport of sugars across the cell membrane. The encoded protein transports glucose and fructose. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (1, also known as SLC2A11-b) encodes isoform a (also known as GLUT11-L). 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>