

## Product datasheet for **SC319592**

### SLC35C2 (NM\_015945) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_015945) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35C2
Synonyms:	BA394O2.1; C20orf5; CGI-15; OVCOV1
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\_015945.10  
 GAAAAGCAGAAGAAAACCAGGAGAATGTGGTATCGTGGCACCCAAGAGAAGGTTTTTC  
 TAGGAGGAGGAAGTGATCCATTGTGTAAGGTCACCTTTGGTGGCAGTTCATGGAGAATAGC  
 TTGAGGTGACAAGACAGCAGACACGACGTGGGTCTCTGGGACTGCCTGTGCCGTTGTGGG  
 CAGCCCCCAGAGCCCTGAGTCACGCAGCCTTCAGAGGCACCCATGGCTACGAGAAGCA  
 CAGTCTCTGCCTGAGGCTCCAGAGCGGCCCTTTTTCCCAAGCAGCAGACCTTTGGGACCTG  
 TGAGCGCTGCATCCAATTAACCATGGGAAGGGTCAGCACAGCCACCAGCCCTTAGGTG  
 AGGACTCTGCCTGGGCTCTGCTGATGGTCCGAATCATGGAGCTGCAGAGAGCTCCTCC  
 AGCCTGGAGACGTTCTTGGTAAAAGCTGTGGTCTAACTCCACCGCTCTTCTGCACATT  
 GTATTCAGAGGGGTGCCTGCCCCGCTGACTCAGGAGCTCCGGTGTGCAGCCGCCACG  
 AATGGGGAGTGGGCCCTCGATGTGGCCTTTTTGTGGAAGGCGGTGTTGACCCTGGGGCT  
 GGTGCTTCTACTACTGCTTCTCCATCGGCATCACCTTCTACAACAAGTGGCTGACAAA  
 GAGTTCCATTTCCCTCTTCATGACGATGCTGCACCTGGCCGTGATCTTCCTTCTC  
 CGCCCTGTCCAGGGCGTGGTTCAGTGTCCAGCCACAGGGCCCGTGTGGTGTGAGCTG  
 GGCCGACTACCTCAGAAGAGTGGCTCCACAGCTCTGGCGACGGCGCTTGACGTGGGCTT  
 GTCCAACTGGAGCTTCTGTATGTCACCGTCTCGCTGTACACAATGACCAAAATCCTCAGC  
 TGTCTCTTCATCTTGATCTTCTCTGATCTTCAAGCTGGAGGAGCTGCGCGGGCACT  
 GGTCTGGTGGTCTCCTCATCGCCGGGGTCTTTCATGTTACCTACAAGTCCACACA  
 GTTCAACGTGGAGGGCTTCGCCTTGGTGTGGGGCCCTCGTTCATCGGTGGCATTTCGCTG  
 GACCCTCACCCAGATGCTCCTGCAGAAGGCTGAAGTCCGGCCTCCAGAATCCCATCGACAC  
 CATGTTCCACCTGCAGCCACTCATGTTCTGGGGCTCTCCCTCTCTTTGCTGTATTTGA  
 AGGTCTCCATTTGTCCACATCTGAGAAAATCTTCCGTTTCCAGGACACAGGGCTGCTCCT  
 GCGGGTACTTGGGAGCCTTCTCCTTGGCGGGATTCTCGCCTTTGGTGGGCTTCTCTGA  
 GTTCTCCTGGTCTCCAGAACCTCCAGCCTCACTCTCCTCATTGCCGGCATTTTTAAGGA  
 AGTCTGCACTTTGCTGTTGGCAGCTCATCTGCTGGCGATCAGATCAGCCTCCTGAACTG  
 GCTGGGCTTCGCCTCTGCCTCTCGGGAATATCCCTCCACGTTGCCCTCAAAGCCCTGCA  
 TTCCAGAGGTGATGGTGGCCCAAGGCCTTGAAGGGGCTGGGCTCCAGCCCCGACCTGGA  
 GCTGCTGCTCCGGAGCAGCCAGCGGGAGGAAGGTGACAATGAGGAGGAGGAGTACTTTGT  
 GGCCAGGGGAGCAGTACCAGCCAGGGCAAATGGCTTAGAAGCAGGCCACTCCCCAGC  
 CTGCTGCCAGCACTCACTGTCTCAAGCCGCCAGGGCTCATCATGGTAGCTGGGAGCTGT  
 GGACGGGAGTACCAGGTGGTGGGGCCAAGCCAGGGACTCATGACTTTTGCCCTCCCTT  
 CAGAGCCTGGTACACAAGGGGGCAGCACCAGGCCAGCCTGGGACTGGCCAGAGCTGGGC  
 CCAAGCTGCGCTGGAATCGCAGCAGGAGAGGGGAGTGGGCTGGTCTTCCACCCTTCC  
 CAGGCTCTGACAGCCGAGACTCATTTCAGGCACAGCAGCTTTCTAAAGGGACTGAGTT  
 TGGACTGGGTTTTGGACCTCCAGGGGCTGGAGCTTCATCACCTGGGCAGTGTCTTTTCTC  
 AGAGAGCAGGTTTCTTTATAGTTTGGAAATAAATGGTTACGGTCCACTGGCCGCTTGT  
 GTTGTGGAGACGTGGGGCAGGGAGGGGACAGTGTGGGCTGGCCTCTCCTTTCTTTCTC  
 CCTGCCTGGAGCCTTCTCAAATGTCTGGTCTTAAGCCAGGCCTCCTTCAATTTCTCGCT  
 CCTGTTAGAACCACAGTCCCCTCCCAGTGGGGCCCCACTGCACCTGCTGGCAGGAATA  
 AATGAATGTTTACTGAGAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_015945

**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).

<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_015945.10</a> , <a href="#">NP_057029.8</a>
<b>RefSeq Size:</b>	2266 bp
<b>RefSeq ORF:</b>	1098 bp
<b>Locus ID:</b>	51006
<b>UniProt ID:</b>	<a href="#">Q9NQQ7</a>
<b>Cytogenetics:</b>	20q13.12
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the triose-phosphate transporter protein family. This gene is regulated by oxygen tension, is induced in hypoxic trophoblast cells, and is overexpressed in ovarian cancer. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 7 encode the same isoform (a).</p>