

Product datasheet for **SC319653**

SLC35C2 (NM_173073) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_173073) 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_173073.2
 GGAGATCCGGCCTGGAGCTCCCAGGGCCGAGCAGACCTTGGGACCTGTGAGCGCTGCAT
 CCAATTAACCATGGGAAGGGTCAGCACCAGCCACCAGCCCTTAGGTGAGGACTCTGCCT
 GGGGCTCTGCTGATGGTTCCGAATCATGGAGCTGCAGAGAGCTCCTCCAGCCTGGAGACG
 TTCTTGGTGAAAGCTGTGGTCTAACTCCACCGGCTTCTCTGCACATTGTATTCAAGAGG
 GGTCCTGCCCCGCTGACTCAGGAGCTCCGGTGTGCAGCCGCCACGAATGGGGAGGTG
 GGGCCCTCGATGTGGCCTTTTGTGGAAGCGGTGTTGACCCTGGGGCTGGTGTCTCTA
 CTACTGCTTCTCCATCGGCATCACCTTCTACAACAAGTGCTGACAAAGAGCTTCCATTT
 CCCCCTCTTCATGACGATGCTGCACCTGGCCGTGATCTTCTCTTCTCCGCCCTGTCCAG
 GGCCTGGTTCAGTGCTCCAGCCACAGGGCCCGTGTGGTGTGAGCTGGGCCGACTACCT
 CAGAAGAGTGGTCCCACAGCTCTGGGACGGCGCTTGACGTGGGCTTGCCAACTGGAG
 CTTCTGTATGTCACCGTCTCGCTGTACACAATGACCAAATCCTCAGCTGTCTCTTCAT
 CTTGATCTTCTCTGATCTTCAAGCTGGAGGAGCTGTCCACACAGTTCAACGTGGAGGG
 CTTGCGCTTGGTGTGGGGCCCTCGTTCATCGGTGGCATTGCTGGACCCTCACCCAGAT
 GCTCCTGCAGAAGGCTGAACTCGGCCTCCAGAATCCCATCGACACCATGTTCCACCTGCA
 GCCACTCATGTTCTGGGGCTCTTCCCTCTTTGCTGTATTTGAAGGTCTCCATTTGTC
 CACATCTGAGAAAATCTTCCGTTTCCAGGACACAGGGCTGCTCCTGCGGGTACTTGGGAG
 CCTCTTCTTGGCGGGATTCTCGCCTTTGGTTTGGGCTTCTCTGAGTTCTCTCTGGTCTC
 CAGAACCTCCAGCCTCACTCTCTCCATTGCCGGCATTTTTAAGGAAGTCTGCACTTTGCT
 GTTGGCAGCTCATCTGCTGGGCGATCAGATCAGCCTCTGAACTGGTGGGCTTCCGCCCT
 CTGCTCTCGGGAATATCCCTCCACGTTGCCCTCAAAGCCCTGCATTCCAGAGGTGATGG
 TGGCCCAAGGCCTTGAAGGGGCTGGGCTCCAGCCCGACCTGGAGCTGCTGCTCCGGAG
 CAGCCAGCGGGAGGAAGGTGACAATGAGGAGGAGGAGTACTTTGTGGCCAGGGGACAGCA
 GTGACCAGCCAGGCAAATGGCTTAGAAGCAGGCCACTCCCAGCCTGCTGCCAGCACTC
 ACTGTGCTCAAGCCGCCAGGGCTCATCATGGTAGCTGGGAGCTGTGGACGGGAGTACCA
 GGTGGTGGGGCAAGCCAGGGACTCATGACTTTTGCCCTCCCTTCCAGAGCCTGGTCA
 CAAGGGGCGAGCACCAGGCCAGCCTGGGACTGGCCAGAGCTGGGCCAAGCTGCGCTGGA
 ATCGCAGCAGGAGAGGGGAGTGGGCTGGTTCTTCCACCCTTCCAGGCTCTGACAGCC
 GAGACTCATTTCAAGGCACAGCAGCTTCTAAAGGGACTGAGTTGGACTGGGTTTTGG
 ACCTCCAGGGGCTGGAGCTTATCACCTGGGCAGTGTCTTTTCTCAGAGAGCAGGTTTCT
 TTATAGTTTGAAATAAATGGTTCACGGTCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_173073

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.

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:

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: [NM_173073.2](#), [NP_775096.1](#)

RefSeq Size: 2203 bp

RefSeq ORF: 1035 bp

Locus ID: 51006

UniProt ID: [Q9NQQ7](#)

Cytogenetics: 20q13.12

Protein Families: Druggable Genome, Transmembrane

Gene Summary: 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]
Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate in-frame splice site in the central coding region, compared to variant 1. The encoded isoform (b) is shorter, compared to isoform a.