

## Product datasheet for SC335636

### SLC35C2 (NM\_001281460) Human Untagged Clone

#### Product data:

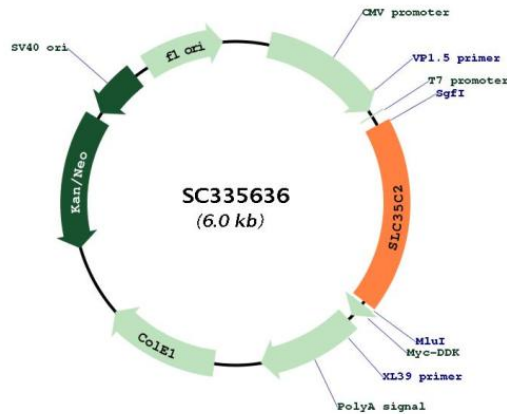
Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_001281460) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35C2
Synonyms:	BA394O2.1; C20orf5; CGI-15; OVCOV1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335636 representing NM_001281460. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGAGGTGGGCCCTCGATGTGGCCTTTTTGTGGAAGGCGGTGTTGACCCCTGGGGCTGGTCTCTC
TACTACTGCTTCTCCATCGGCATCACCTTCTACAACAAGTGGCTGACAAAGAGCTTCCATTTCCCCCTC
TTCATGACGATGCTGCACCTGGCCGTGATCTTCTCTTCTCCGCCCTGTCCAGGGCGCTGGTTCAGTGC
TCCAGCCACAGGGCCCGTGTGGTGTGAGCTGGGCCGACTACCTCAGAAGAGTGGCTCCACAGCTCTG
GCGACGGCGCTTGACGTGGCCTTGCCAACCTGGAGCTTCTGTATGTCACCGTCTCGCTGTACACAATG
ACCAAATCCTCAGCTGTCTCTTCATCTTGATCTTCTCTCTGATCTTCAAGCTGGAGGAGCTGCGCGCG
GCACTGGTCTGGTGGTCTCTCATCGCCGGGGTCTTTCATGTTACCTACAAGTCCACACAGTTC
AACGTGGAGGGCTTCGCCTTGGTGTGGGGCCTCGTTTCATCGGTGGCATTTCGCTGGACCCTCACCCAG
ATGCTCCTGCAGAAGGCTGAACCTCGGCCTCCAGAATCCCATCGACACCATGTTCCACCTGCAGCCACTC
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TTCCGTTTCCAGGACACAGGGCTGCTCTGCGGGTACTTGGGAGCCTCTTCTTGGCGGGATTCTCGCC
TTTGGTTTGGGCTTCTCTGAGTTCCTCTGGTCTCCAGAACCTCCAGCCTCACTCTCTCCATTGCCGGC
ATTTTTAAGGAAGTCTGCACTTTGTGTGGCAGCTCATCTGCTGGGCGATCAGATCAGCCTCCTGAAC
TGGTGGGCTTCGCCCTCGCTCGGAATATCCCTCCACGTTGCCCTCAAAGCCCTGCATTTCCAGA
GGTGATGGTGGCCCCAAGGCCTTGAAGGGCTGGGCTCCAGCCCCGACCTGGAGCTGCTGCTCCGGAGC
AGCCAGCGGGAGGAAGGTGACAATGAGGAGGAGGAGTACTTTGTGGCCCAGGGGCAGCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001281460

**Insert Size:** 1098 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:**

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\\_001281460.1](#)

**RefSeq Size:** 2657 bp

**RefSeq ORF:** 1098 bp

**Locus ID:** 51006

**UniProt ID:** [Q9NQQ7](#)

**Cytogenetics:** 20q13.12

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 40.4 kDa

**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 (7) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 7 encode the same isoform (a).