

## Product datasheet for **RG236741**

### SLC35C2 (NM\_001281459) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_001281459) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC35C2
Synonyms:	BA394O2.1; C20orf5; CGI-15; OVCOV1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236741 representing NM_001281459. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCAAATCCTCAGCTGTCCTTTCATCTTGATCTTCTCTCTGATCTTCAAGCTGGAGGAGCTGTCC
ACACAGTTCAACGTGGAGGGCTTCGCCTTGGTGTGGGGCCCTCGTTCATCGGTGGCATTTCGCTGGACC
CTCACCAGATGCTCCTGCAGAAGGCTGAACTCGGCCTCCAGAATCCCATCGACACCATGTTCCACCTG
CAGCCACTCATGTTCTGGGGCTCTTCCCTCTCTTTGCTGATTTGAAGTCTCCATTTGCCACATCT
GAGAAAATCTCCGTTTCCAGGACACAGGGCTGCTCCTGCGGGTACTTGGGAGCCTTTCCTTGGCGGG
ATTCTCGCCTTTGTTTGGGCTTCTCTGAGTTCTCCTGGTCTCCAGAACCTCCAGCCTCACTCTCTCC
ATTGCCGGCATTTTAAGGAAGTCTGCACTTTGCTGTTGGCAGCTCATCTGCTGGGCATCAGATCAGC
CTCCTGAACTGGCTGGGCTTCGCCCTCTGCCTCTCGGGAATATCCCTCCACGTTGCCCTCAAAGCCCTG
CATTCCAGAGGTGATGGTGGCCCAAGGCCTTGAAGGGCTGGGCTCCAGCCCCGACCTGGAGCTGCTG
CTCCGGAGCAGCCAGCGGGAGGAAGGTGACAATGAGGAGGAGGACTTTGTGGCCAGGGGCAGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG236741  
 Blue=ORF Red=Cloning site Green=Tag(s)

MTKSSAVLFILIFSLIFKLEELSTQFNVEGFALVVGASFIGGIRWTLTQMLLQKAEGLQNPIDTMFHL  
 QPLMFLGLFPLFAVFEGLHLSTSEKIFRFQDTGLLLRVLGSLFLGGILAFGLGFSEFLLVSRSSLLTSL  
 IAGIFKEVCTLLAAHLLGDQISLLNWLGFALCLSGISLHVALKALHSRGGGPKALKGLGSSPDLELL  
 LRSSQREEGDNEEEYFVAQGQQ  
 TRTRPLEMESDESGLPAMEIECRITGTGLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001281459

**ORF Size:** 690 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

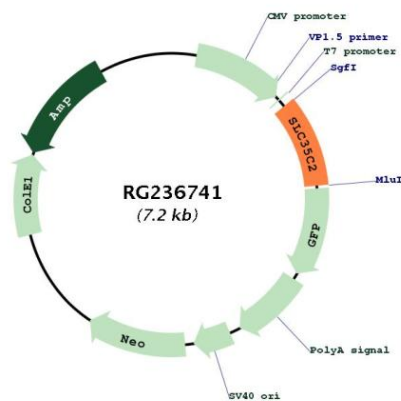
**RefSeq:** [NM\\_001281459.2](#)

**RefSeq Size:** 2191 bp

**RefSeq ORF:** 693 bp

Locus ID:	51006
UniProt ID:	<a href="#">Q9NQQ7</a>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transmembrane
MW:	25.6 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]

### Product images:



Circular map for RG236741