

Product datasheet for **RG236937**

SLC35C2 (NM_001281457) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35C2 (NM_001281457) 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:	>RG236937 representing NM_001281457. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCAAATCCTCAGCTGTCCTTTCATCTTGATCTTCTCTGATCTTCAAGCTGGAGGAGCTGCGC
GCGGCACTGGTCCTGGTGGTCTCCTCATCGCCGGGGTCTTTCATGTTACCTACAAGTCCACACAG
TTCAACGTGGAGGGCTTCGCCTTGGTGTGGGGCCTCGTTCATCGGTGGCATTTCGCTGGACCTCACC
CAGATGCTCCTGCAGAAGGCTGAACTCGGCCTCCAGAATCCCATCGACACCATGTTCCACCTGCAGCCA
CTCATGTTCTGGGGCTTCCCTCTCTTGTGTATTTGAAGGTCTCCATTTGCCACATCTGAGAAA
ATCTTCCGTTTCCAGGACACAGGGCTGCTCCTGCGGGTACTTGGGAGCCTTTCCTTGGCGGGATTCTC
GCCTTGGTTGGGCTTCTGAGTTCCCTCTGGTCTCCAGAACCTCCAGCCTCACTCTCTCCATTGCC
GGCATTTTTAAGGAAGTCTGCACTTTGCTGTTGGCAGCTCATCTGCTGGGCGATCAGATCAGCCTCCTG
AACTGGCTGGGCTTCGCCTCTGCCTCTCGGGAATATCCCTCCACGTTGCCCTCAAAGCCCTGCATTCC
AGAGGTGATGGTGGCCCAAGGCCTTGAAGGGGCTGGGCTCCAGCCCCGACCTGGAGCTGCTGCTCCGG
AGCAGCCAGCGGGAGGAAGGTGACAATGAGGAGGAGGAGTACTTTGTGGCCAGGGGCAGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



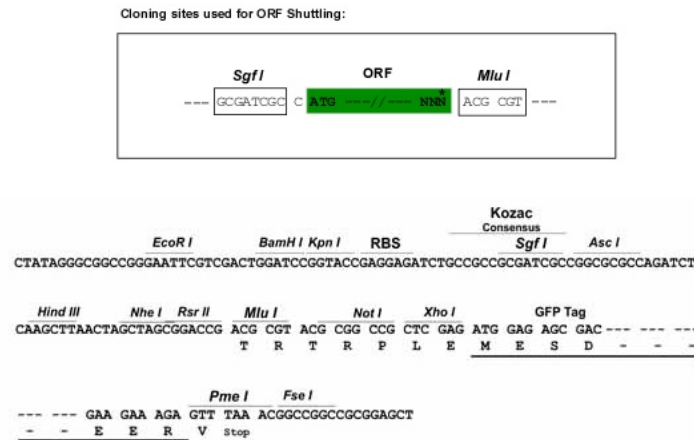
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236937
 Blue=ORF Red=Cloning site Green=Tag(s)

MTKSSAVLFILIFSLIFKLEELRAALVLLVLLIAGGLFMFTYKSTQFNVEGFALVVGASFIGGIRWLT
 QMLLQKAEGLQNPIDTMFHLQPLMFLGLPPLFAVFEGLHLSTSEKIFRFQDTGLLLRVLGSLFLGGIL
 AFGLGFSEFLLVSRTSSLTSLIAGIFKEVCTLLAAHLLGDQISLLNWLGFALCLSGISLHVALKALHS
 RGDGGPKALKGLGSPDLELLLRSSQREEGDNEEEYFVAQGGQ
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAVTEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001281457

ORF Size: 753 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).

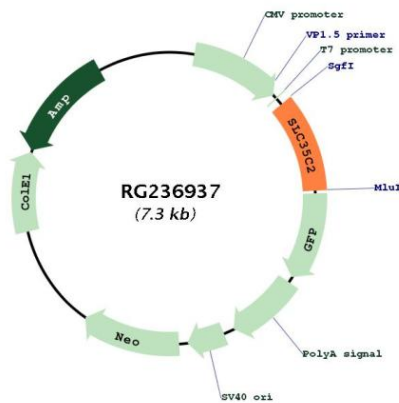
RefSeq: [NM_001281457.2](#)

RefSeq Size: 2254 bp

RefSeq ORF: 756 bp

Locus ID: 51006
UniProt ID: [Q9NQQ7](#)
Cytogenetics: 20q13.12
Protein Families: Druggable Genome, Transmembrane
MW: 27.9 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 RG236937