

Product datasheet for **RG236977**

SLC35B1 (NM_001278784) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35B1 (NM_001278784) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC35B1
Synonyms:	AXER; UGTREL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236977 representing NM_001278784. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGTGATCAATGCTGTGTTTGCCAAGATCTGGTGGATCGTACCCGGAGCTGGCTCTATGCTGCCTGT
TCTATCTCCTATCTGGGTGCCATGGTCTCCAGCAATTCAGCACTACAGTTTGCTAACTACCCAACACTAG
GTCCTTGGTAAATCCTGCAAGCCAATCCCAGTCATGCTCCTTGGGGTGACCCTCTGAAGAAGAAGTAC
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AAAGTTGTTGGGATAGAAGAACACACAGTCGGCTATGGAGAGCTACTCTTGCTATTATCGCTGACCCTG
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CTGAACATCAACCTTTGGTGCACATTGCTGCTGGGAATGGGAATCCTGTTCACTGGGGAGCTCTGGGAG
TTCTTGAGCTTTGCTGAAAGGTACCCTGCCATCATCTATAACATCCTGCTCTTTGGGCTGACCAAGTCC
CTGGGTGAGAGCTTCATCTTTATGACGGTGTGTATTTTGGTCCCCTGACCTGCTCCATCATCACTACA
ACTCGAAAGTTCTTACAATTTTGGCCTCTGTGATCCTCTTCGCAATCCCATCAGCCCCATGCAGTGG
GTGGGCACTGTGCTTGTGTTCTGGGTCTTGGTCTTGATGCCAAGTTGGGAAAGGAGCTAAGAAGACA
TCCCAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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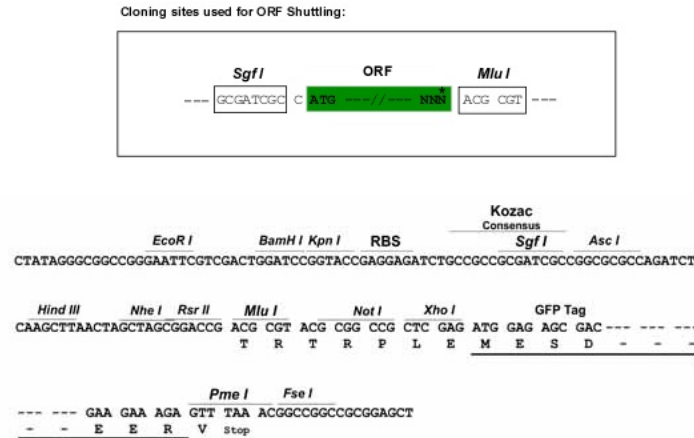
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236977
 Blue=ORF Red=Cloning site Green=Tag(s)

MCDQCCVCQDLVDRTRSWLYAACSISYLGAMVSSNSALQFVNYPTQVLGKSCKPIPVMLLGVTLLKKKY
 PLAKYLCVLLIVAGVALFMYKPKKVVGIEEHTVGYGELLLLLSLDGLTGVSQDHMRAHYQTGSNHMM
 LNIINLWSTLLGMGILFTGELWEFLSFAERYPAIYNILLFGLTSALGQSFIFMTVVYFGPLTCSIIT
 TRKFFTLASVILFANPISPMQWVGTVLVFLGLGLDAKFGKGAKKTSH
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278784

ORF Size: 765 bp

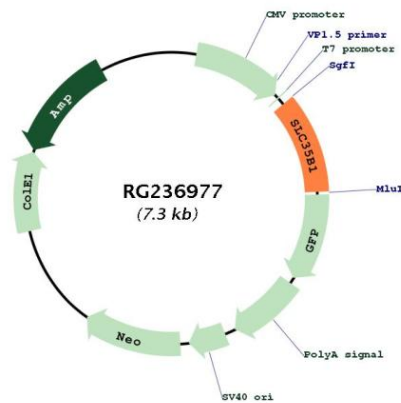
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_001278784.2
RefSeq Size:	1596 bp
RefSeq ORF:	768 bp
Locus ID:	10237
Cytogenetics:	17q21.33
Protein Families:	Transmembrane
MW:	28.6 kDa
Gene Summary:	This gene encodes a nucleotide sugar transporter which is a member of solute carrier family 35. The transporters in this family are highly conserved hydrophobic proteins with multiple transmembrane domains. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG236977