

Product datasheet for **RG239418**

SLC26A6 (NM_001281732) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_001281732) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLC26A6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239418 representing NM_001281732.
 Blue=ORF Red=Cloning site Green=Tag(s)

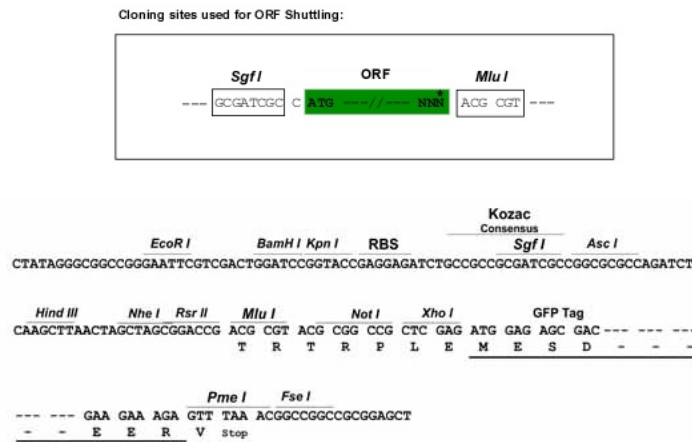
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CCCGACAGCCCTGTTTCGGTCAACAGACTC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239418
 Blue=ORF Red=Cloning site Green=Tag(s)

MGLADASGPRDQTQALLSATQAMDLRRRDYHMERPLLNQEHLEELGRWGSAPRTHQWRTWLQCSRARAYA
 LLLQHLVPLVWLPVPVVDWLLGDLLSGLSVAIMQLPQGLAYALLAGLPPVFGLYSSFYFVFIYFLFGT
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 LWATVPHLLLEVCWKL PQSKVGT VVTA AVAGVVL VVVKLLNDKLQQQLPMP IPGELL TLIGATGISYGM
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 TKKHLFASVHDAVTFALQHPRPVPD SPVSVTRL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
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 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
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Restriction Sites: SgfI-MluI

Cloning Scheme:



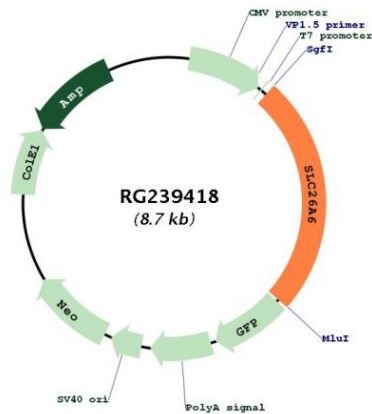
ACCN: NM_001281732

ORF Size: 2169 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:	<u>NM_001281732.2</u>
RefSeq Size:	2554 bp
RefSeq ORF:	2172 bp
Locus ID:	65010
UniProt ID:	<u>Q9BXS9</u>
Cytogenetics:	3p21.31
Protein Families:	Transmembrane
MW:	79.6 kDa
Gene Summary:	This gene belongs to the solute carrier 26 family, whose members encode anion transporter proteins. This particular family member encodes a protein involved in transporting chloride, oxalate, sulfate and bicarbonate. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2013]

Product images:


Circular map for RG239418