

Product datasheet for **RG235627**

C19orf42 (SMIM7) (NM_001300925) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C19orf42 (SMIM7) (NM_001300925) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C19orf42
Synonyms: C19orf42
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235627 representing NM_001300925.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATCGGAGACATCCTGCTGTTCCGGACGTTGCTGATGAATGCCGGGGCGGTGCTGAACTTAAGCTG
AAAAAGAAGGACACGCAGGGCTTTGGGGAGGAGTCCAGGGAGCCCAGCACAGGTGACAACATCCGGGAA
TTCTTGCTGAGCCTCAGATACTTTCGAATCTTCATCGCCCTGTGGAACATCTTCATGATGTTCTGCATG
ATTGTGCTGAGAAACTCAAGCAGATTGCCTTCCATCTAGCACTGGGCCATAACTCTGATACTACTG
TTAACGAATTGTGAGATTGCTGTAATGGATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235627
Blue=ORF Red=Cloning site Green=Tag(s)

```
MIGDILLFGTLLMAGAVLNFKLKKKDTQGFGEESREPSTGDNIREFLLSLRYFRIFIALWNIFFMMFCM
IVLRKLLQIAFPSSTGAILLILLTNCIECKWI
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001300925

ORF Size: 309 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_001300925.2](#)

RefSeq Size: 880 bp

RefSeq ORF: 312 bp

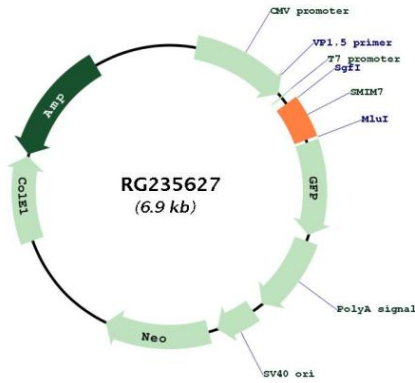
Locus ID: 79086

Cytogenetics: 19p13.11

Protein Families: Transmembrane

MW: 12.3 kDa

Product images:



Circular map for RG235627