

Product datasheet for **RG235935**

C1orf150 (GCSAML) (NM_001281853) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf150 (GCSAML) (NM_001281853) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf150
Synonyms: C1orf150
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235935 representing NM_001281853.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAAATTATCTCCTGCGAAAACTCAGTTGCCTGGGAGAGAATCAAAAGAAGCCCAAGAAAGGAAAC
CCAGATGAGGAAAGAAAACGGCAGGAAATGACTACATTTGAAAGAAAACCTCAAGATCAAGATAAGAAA
AGCCAAGAAGTTTCATCCACTTCTAATCAGGAAAACGAGAATGGCAGTGGTTCTGAAGAAGTGTGCTAC
ACTGTCATTAATCACATCCCCATCAGAGATCCTCCCTGAGCTCCAATGATGATGGCTATGAGAACATT
GACTCCCTCACAAGGAAAGTGAGACAGTTTAGAGAAAGGTCAGAGACAGAATATGCCCTTCTTAGGACT
TCTGTTAGTAGGCCTTGTTCCTGCACCCATGAGCATGATTATGAAGTTGTGTTTCCACAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235935
Blue=ORF Red=Cloning site Green=Tag(s)

```
MGNLLRKL SCLGENQKPKKGNPDEERKRQEMTTFERKLQDQDKKSQEVSSSTSNQENENGSGSEEVCY
TVINHIPHQRSSLSSNDGYENIDSLTRKVRQFRERSETEYALLRSTSVSRPCSCTHEHDYEVVFPH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_001281853

ORF Size: 405 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_001281853.1](#), [NP_001268782.1](#)

RefSeq Size: 4063 bp

RefSeq ORF: 408 bp

Locus ID: 148823

UniProt ID: [Q5IQS6](#)

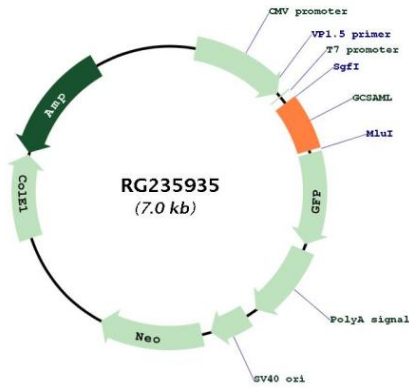
Cytogenetics: 1q44

MW: 15.7 kDa

Gene Summary:

This gene encodes a protein thought to be a signaling molecule associated with germinal centers, the sites of proliferation and differentiation of mature B lymphocytes. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Product images:



Circular map for RG235935