

## Product datasheet for **RG235721**

### **C1orf150 (GCSAML) (NM\_001281835) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1orf150 (GCSAML) (NM\_001281835) 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:** >RG235721 representing NM\_001281835.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAAATTATCTCCTGCGAAAACCTCAGGCAGGAAATGACTACATTTGAAAGAAAACCTCAAGATCAA
GATAAGAAAAGCCAAGAAGTTTCATCCACTTCTAATCAGGAAAACGAGAATGGCAGTGGTTCTGAAGAA
GTGTGCTACACTGTCATTAATCACATCCCCATCAGAGATCCTCCCTGAGCTCCAATGATGATGGCTAT
GAGAACATTGACTCCCTCACAAGGAAAGTGAGACAGTTTAGAGAAAGGTCAGAGACAGAATATGCCCTT
CTTAGGACTTCTGTTAGTAGGCCTTGTTCCTGCACCCATGAGCATGATTATGAAGTTGTGTTCCACAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235721  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGNYLRLKLRQEMTTFERKLDQDKKSQEVSSSTSNQENENSGSSEVCYTVINHIPHQRSSLSNDDGY
ENIDSLTRKVRQFRERSETEYALLRTSVSRPCSCTHEHDYEVVFPH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001281835

**ORF Size:** 345 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\\_001281835.2](#)

**RefSeq Size:** 4094 bp

**RefSeq ORF:** 348 bp

**Locus ID:** 148823

**UniProt ID:** [Q5IQS6](#)

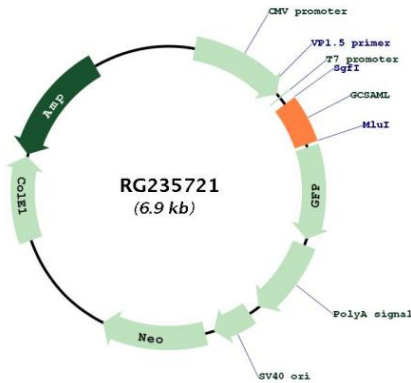
**Cytogenetics:** 1q44

**MW:** 13.9 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 RG235721