

Product datasheet for **RG237241**

GTDC1 (NM_001284235) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | GTDC1 (NM_001284235) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | GTDC1 |
| Synonyms: | Hmat-Xa; mat-Xa |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG237241 representing NM_001284235. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTATCCTCATCATTGAAGCATTCTATGGAGGCTCCCATAAACAGCTGGTGGATCTTCTTCAAGAA
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GCACGACAAGAATATTTGGGTAACCTATTAAGACAGGAATCAGACTTGAAAAATCCACCTCGTCAGAT
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



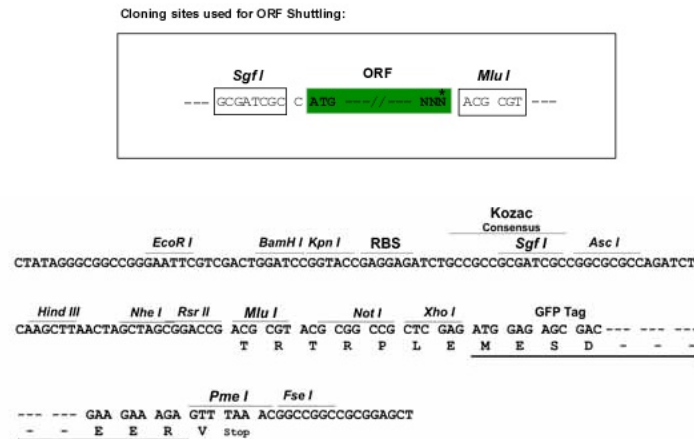
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Protein Sequence: >Peptide sequence encoded by RG237241
 Blue=ORF Red=Cloning site Green=Tag(s)

MSILIEAFYGGSHKQLVDLLQEELGDCVVYTLPAKKWHWRARTSALYFSQTIPISEHYRTLFASSVLN
 LTELAALRPDLGKLKKILYFHENQLIYPVKCCQERDFQYGYNQILSCLVADVVFNSVFNMESFLTSMG
 KFMKLI PDHRPKDLESIIRPKCQVIYFPIRFPDVS RFPMPKHKTTHLKKMLGLKGNNGAVLSMALPFQPE
 QRDSEDL LKNFNSECDTHCGLD TARQEYLGNLSRQESDLKSTSSDNSSSHHGENKQNLTVDP CDILGG
 VDNQQRLLHI VPHRW
 TRTRPLEME SDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284235

ORF Size: 876 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).

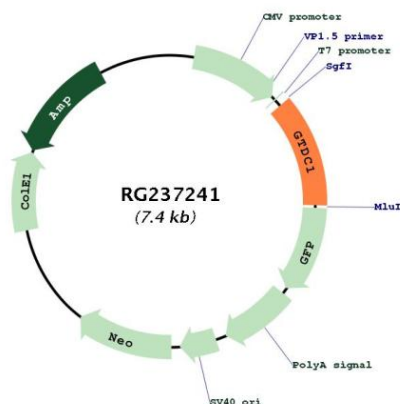
RefSeq: [NM_001284235.2](#)

RefSeq Size: 2565 bp

RefSeq ORF: 879 bp

Locus ID: 79712
 UniProt ID: [Q4AE62](#)
 Cytogenetics: 2q22.3
 MW: 34 kDa

Product images:



Circular map for RG237241