

Product datasheet for **RG236120**

TMED3 (NM_001301203) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMED3 (NM_001301203) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TMED3
Synonyms: C15orf22; P24B; p24g4; p24gamma4; p26
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236120 representing NM_001301203.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCAGCACTGTCCCAGCTCCGCTCCGTGCTGCTTCTGCTGCTGCTCCTGCGCCGGGCGGAGCAG
CCCTGCGGGGCGAGCTCACCTTCGAGCTGCCGACAACGCCAAGCAGTGCTTCCACGAGGAGGTGGAG
CAGGGCGTGAAGTTCTCCCTGGATTACCAGGTCATCACTGGAGGCCACTACGATGTTGACTGCTATGTA
GAGGACCCCGAGGGAACACCATCTACAGAGAAACGAAGAAGCAGTACGACAGCTTACGTACCGGGCT
GAAGTCAAGGGCGTTTATCAGTTTTGCTTCAGTAATGAGTTTTCCACCTTCTCTACAAGACCGTCTAC
TTTGACTTTCAAGTGGGCGATGAGCCTCCATTCTCCAGACATGGGGAACAGGGTCACAGCTCTCACC
CAGGGTCCAGTGCTTACCAACACCAACGCCACCACTAAGGGTCCAGTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236120
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGSTVPRSASVLLLLLLRRAEQPCGAELTFELPDNAKQCFHEEVEQGVKFSLDYQVITGGHYDVCYV
EDPQGNITYRETKKQYDSFTYRAEVKGVYQFCFNEFSTFSHKTYVYDFQVGDPEPILPDMGNRVLT
QGFSASPTPTPLRVPV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDSHMHFSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

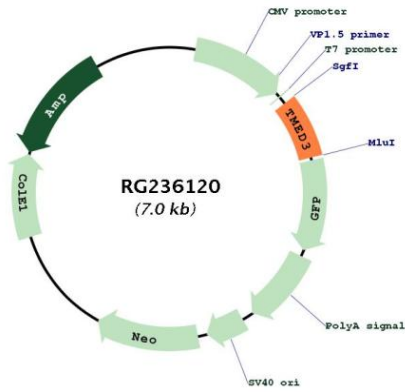
Restriction Sites: SgfI-MluI



Cloning Scheme:


- ACCN:** NM_001301203
- ORF Size:** 465 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_001301203.2](#)
- RefSeq Size:** 2370 bp
- RefSeq ORF:** 468 bp
- Locus ID:** 23423
- Cytogenetics:** 15q25.1
- Protein Families:** Transmembrane
- MW:** 17.9 kDa
- Gene Summary:** Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Contributes to the coupled localization of TMED2 and TMED10 in the cis-Golgi network. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236120