

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)

```
GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCAGCACTGTCCCGCCTCCGCTCCGTGCTGCTTCTGCTGCTGCTCCTGCGCCGGGCCGAGCAG
CCCTGCGGGGCCGAGCTCACCTTCGAGCTGCCGACAACGCCAAGCAGTGCTTCCACGAGGAGGTGGAG
CAGGGCGTGAAGTTCTCCCTGGATTACCAGGTCATCACTGGAGGCCACTACGATGTTGACTGCTATGTA
GAGGACCCCGAGGGAACACCATCTACAGAGAAACGAAGAAGCAGTACGACAGCTTACGTACCGGGCT
GAAGTCAAGGGCGTTTATCAGTTTTGCTTCAGTAATGAGTTTTCCACCTTCTCTACAAGACCGTCTAC
TTTGACTTTCAAGTGGGCGATGAGCCTCCATTCTCCAGACATGGGGAACAGGGTCACAGCTCTCACC
CAGGGTCCCAGTGCTTACCAACACCAACGCCACCACTAAGGGTCCAGTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

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

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MGSTVPRASVLLLLLLLLRRAEQPCGAELTFELPDNAKQCFHEEVEQGVKFSLDYQVITGGHYDVCYV
EDPQGNITYRETKKQYDSFTYRAEVKGVYQFCFNEFSTFSHKTYVYDFQVGDPEPILPDMGNRVLT
QGFSASPTPTPLRVPV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001301203.2</u>
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]