

Product datasheet for **RG210923**

TMED8 (NM_213601) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMED8 (NM_213601) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMED8
Synonyms:	FAM15B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210923 representing NM_213601 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTGACCTGCAGGCGGCTGAGGGGCCGGCTCCTGGAGCCCCACAGCCGCCAGGGTCGGCTGGCG
GCGTCGGGGACTGCCAGGGAGTGGAGGGGAGCCAGGCGGCCGCTCAGAGAATGAAGATCTAGAAAAACA
GGATACCTCTTTATTGGCTTCTGCCACCGATCCAGAACCCTGCTCCTACCCACAGGCCACAGATGGTA
TCTCCAGTGAGTAAGGATGCCACGAAGATCTGCGAAAGCAACTGGTCCTTTGGAGGCTCAGGCCCTTG
TGAACAGGATTTGCTGCCTGCAGACCAGGCCAGGTCTCAATGAGATGGCTAAGTATCAAGTTCCACA
GAGGTCTGGGGACATCGTTATGATCCAGTCTGAACATACAGGAGCTATAGATGTTCTTTCAGCTGATTTG
GAATCTGCAGATCTTCTGGGGGACCACAGGAAAGTCTCCCCACCTCTGATGGCTCCTCCATGCATCTGGA
CCTTTGCCAAGGTGAAGGAATCAAAAGCAAGCTGGGCAAGAGAAGAAGAGCCGCTCTGGTGGTGAAGCG
TGGTGAGGTGGTACCATCCGGGTACCTACTCATCCAGAGGGGAAGCGTGTCTGCTGGGAGTTTGGCACC
GATGACTATGACATTGGCTTTGGAGTTTATTTTACTGGACCCCTGTAAGTAGCACTGACATAACTGTGC
AGGTCAGTGATTCCAGTGACGATGAGGATGAAGAAGAGGAAGAGGAGGAAGAGATTGAAGAACCCGTTCC
AGCTGGAGATGTGGAGAGAGGCTCCAGGAGCTCCTTGGGGGTCGCTATGGGAGGTCATGCCTGTGTAC
CGGCGGGACAGCCACCGAGAGCTGCAGGCTGGCAGCCATGACTACCCTGGTGAGGGCATCTACCTGCTCA
AGTTCGACAACTCCTACTCCCTGCTGCGCAACAAGACTCTCTACTTCCACATCTACTACACCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG210923 representing NM_213601
 Red=Cloning site Green=Tags(s)

MSDLQAAEGPGSWSPSTARPGSAGGVGDCQGVESQAAASENEDLENKDTSLLASATDPEPCSSPHRPQMV
 SPVSKDATEDLRKATGPLEAQLVKDLLPADQAQVLNEMAKYQVPQRSGDIVMIQSEHTGAIDVLSADL
 ESADLLGDHRKVSPLMAPPICIWTFKVKFEKSKLGKEKNSRLVVKRGEVVTIRVPTHPEGKRVCWEFAT
 DDYDIGFGVYFDWTPVTSTDITVQVSDSDDEDEEEEEEEIEEPVPAAGDVERGSRSSLRGRYGEVMPVY
 RRDSHRDVQAGSHDYPGEGIYLLKFDNSYSLLRNKTLYFHIYYTS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_213601

ORF Size: 975 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_213601.3

RefSeq Size: 978 bp

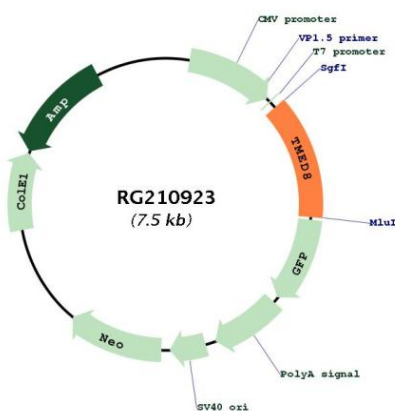
RefSeq ORF: 978 bp

Locus ID: 283578

UniProt ID: Q6PL24

Cytogenetics: 14q24.3

Product images:



Circular map for RG210923