

Product datasheet for MR222725

Tmed7 (NM_025698) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmed7 (NM_025698) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmed7
Synonyms:	3930401E15Rik; 5830493P14Rik; AU044611; AW545765; TRAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222725 representing NM_025698 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCGCCGGGGTCGGCGCCGCGCTGGGCGGCCGCCGCGGGCCGTTGGGGTTCAGGCTGCTTGCTC
TACTGCTGCTCCTGCCGGCTCCGAGCGGCGGCTCCGAGATCACCTTCGAGCTGCCCGATAATGCCAAGCA
GTGCTTACGAGGACATCACTCAGGGCACCAAGTGCACCCTGGAGTTCAGGTGATTACTGGTGGTCAC
TACGATGTTGATTGTCGATTGGAAGATCCTGATGGTAAAGTGTGTACAAGGAGATGAAGAAACAGTATG
ATAGTTTCACCTTCACAGCCTCCAGAAATGGGACGTACAAGTTTTGCTTCAGCAATGAGTTTTCTACTTT
CACACACAAAACAGTGTATTTTCGATTTCCAAGTTGGAGAAGACCCACCTTTGTTTCCCAGTGAGAACCGA
GTCAGTGCCCTTACCCAGATGGAATCCGCCTGCGTTTTCCATTCATGAAGCTCTCAAGTCCGTCATTGACT
ATCAGACACATTTCCGGCTCCGGGAAGCTCAAGGCCGAAGCCGAGCAGAGGATCTGAATACAAGAGTGGC
CTATTGGTCGGTGGGGGAAGCCCTCATCCTTCTGGTGGTTAGCGTAGGGCAGGTGTTTCTTCTGAAGAGC
TTTTTCTCAGATAAAAAGAACCACCACAACCCGCGTCGGATCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR222725 representing NM_025698
 Red=Cloning site Green=Tags(s)

MPRPGSAPRWAAAAGRWGCRLALLLLLLPAPSGGSEITFELPDNAKQCFYEDITQGTCKTLEFQVITGGH
 YDVDCRLEDPDGKVLKEMKKQYDSFTFTASRNGTYKFCFSNEFSTFTHKTVYDFQVGDPLFPSEN
 VSALTQMESACVSIHEALKSVIDYQTHFRLREAQGRSRAEDLNTRVAYWSVGEALILLVSVGQVFLKLS
 FFSDKRTTTTRVGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9090_a02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025698

ORF Size: 672 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.

RefSeq: [NM_025698.1](#), [NP_079974.1](#)

RefSeq Size: 3452 bp

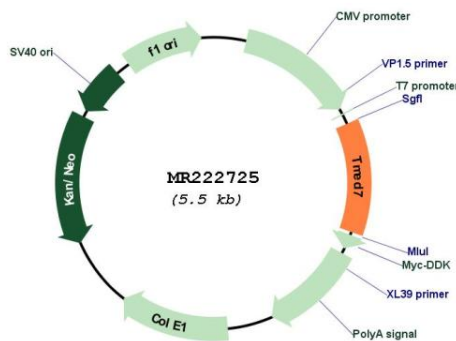
RefSeq ORF: 675 bp

Locus ID: 66676

Cytogenetics: 18 C

MW: 25.2 kDa

Product images:



Circular map for MR222725