

Product datasheet for MR202780

Tm2d3 (NM_026795) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm2d3 (NM_026795) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tm2d3
Synonyms:	1110025I09Rik; 5930422O05Rik; Blp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202780 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTGCGGCCGAGCCGCTGCGGTCTGTCCGCCACCTGTCCCGGTGCTGCTTTTCTGTCCCAGT
GCTACATTCTGTCGGGAGATGAGAATCAGCTGTTCTCTCACCTCACAGAAAGTACTGAAATCCCTCCTTA
CATGACGAAGTGCCAAGCAATGGTTTGTGTAGCAGACTTCTGCAGACTGTATAGAATGTGCGACCAAT
GTCTCTGCACTTACGGGAAGCCTGTCAGTTCGACTGCACAGTGAAGCCCTCTGTTACCTGTGTGCATC
AAGACCTCAAACCCAGAGGAATTCGTCATCAACATGACTTGCAGGTTTGTGCTGGCAGCTTCTGAAAC
AGACTACGAGTGTCAAATTCACCACCTGCATGACCGTGGCTTGCCTCGGCAGCGCTATTTCCGCAAC
TGACCCGTGCGTGACCACATTCCTGCCTGGGCAACCGGACTTTCCCTAAGCTGCTGTAAGCAACTGGA
CAGGTGGCTACAAGTGGTCGACAGCCCTGGCTCTCAGCATCACCTTGGGGGTTTGGAGCCGATCGCTT
CTACCTGGGCCAGTGGCGAGAAGCCCTCGCAAGCTCTTCAGCTTGGCGGCCTGGGAATATGGACCCTA
ATCGATGTCTTGCTGATTGGAGTTGGCTATGTGGACCAGCGGATGGCTCTTTGTACATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR202780 protein sequence
 Red=Cloning site Green=Tags(s)

MEAAAELRSVRHLSRVLLFLSQCYILSGDENQLFSHLTESTEIPPYMTKCPNSGLCSRLPADCIECATN
 VSCTYGKPVTFDCTVKPSVTCVDQDLKPQRNFVINMTCRFCWQLPETDYECNSSTTCMTVACPRQRYFAN
 CTVRDHIHCLGNRTFPKLLYCNWTGGYKWSTRALALSITLGGFGADRFYLGQWREGLGKLF SFGGLGIWTL
 IDVLLIGVGYVGPADGSLYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_026795

ORF Size: 693 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_026795.3](#), [NP_081071.1](#)

RefSeq Size: 910 bp

RefSeq ORF: 693 bp

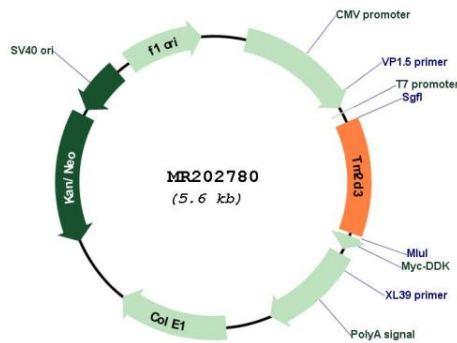
Locus ID: 68634

UniProt ID: [Q8BJ83](#)

Cytogenetics: 7 C

MW: 25.6 kDa

Product images:



Circular map for MR202780