

Product datasheet for RN202280

Tnmd (NM_022290) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnmd (NM_022290) Rat Untagged Clone
Tag: Tag Free
Symbol: Tnmd
Synonyms: ChM1L
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202280 representing NM_022290
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAAGAATCCTCCAGAGAACTGTGAGGGCTGTCACATTCTAAATGCAGAAGCTCTGAAATCTAAGA
AGATACGTAATCACTGAAGATTTGTGGACTAGTGTGGTATCCTGGCCTTAACCTAATTGTCCTGTT
TTGGGGGAGCAAACACTTCTGGCCGAGGTATCCAAGAAGACCTATGGCATGGAGCACACTTTCTACAGC
AATGGCGAGAAGAAGATTTCCATGGAAATGATCCCATAACCGAAGCAAGAAATTCAGAAGTGGAA
ATGGCACCGATGAAACATTGGAAGTCCATGACTTTAAAAACGGATACACTGGCATCTACTTTGTAGGCT
TCAAAAATGCTTTATTAAGAACTCAAATCAAAGTGATTCCTGAATTTCTGAACGAGAAGAGGAAATAGAT
GAGAATGAAGAAATTAACAACGTTCTTTGAACAGTCAGTGATTTGGGTTCTGCAGAAAAGCCTATTG
AAAACAGAGACTTCTGAAAAATCTAAAATCTGGAGATTTGCGACAATGTGACTATGTACTGGATCAA
TCCCACTCTAATAGCAGTTTCAGAATTACAGGACTTTGAGGAGGATGGTGAAGATCTTCACTTTCTACC
AGCGAAAAAAGGGATTGACCAGAATGAGCAATGGGTGGTCCCACAAGTGAAGGTGGAGAAGACCCGCC
GCACCAGACAAGCAAGCGAGGAAGACCTTCTGTTAATGACTATACTGAAAATGGAATCGAATTTGATCC
CATGTGGATGAGAGAGGTTACTGTTGATTTACTGCCGTCGAGGCAACCGCTACTGCCGAGGGTCTGT
GAACCTTTACTAGGCTACTACCCATACCCCTACTGCTACCAAGGAGGTCGAGTCATCTGTGTCATCA
TGCTTGAACACTGGTGGGTGGCCCGCATGCTTGGGAGAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022290
Insert Size: 954 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_022290.1 , NP_071626.1
RefSeq Size:	1336 bp
RefSeq ORF:	954 bp
Locus ID:	64104
UniProt ID:	Q9ESC2
Cytogenetics:	Xq32
Gene Summary:	transmembrane protein; may be an angiogenesis inhibitor; may play a regulatory role in eye and skeletal muscle development [RGD, Feb 2006]