

Product datasheet for **RN210619**

Tm4sf4 (NM_053785) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tm4sf4 (NM_053785) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tm4sf4
 Synonyms: Lrtm4
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN210619 representing NM_053785
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGTACTGGGGCTGTGCCAGGTGCCTGGGGGACCCCTATTCCCTTGGCTGTGTTTGCCGTCTCG
 CAAATATCCTGTTGTTTTCTGGAGGAAAAGTGGTGGATGACAACAGCCACCTTCAGATGAGGTCTG
 GTACTTCGGAGGAATACTGGGAAGTGGAGTCTTGATGATCTTCCCTGCGCTGGTGTCTTGGGCCTGCAG
 AACATGACTGCTGCGGATGCTGTGTAATGAGAGCTGTGGGAAGCGATTGCGATGTTACCTCCACGT
 TGTGTTGCTGTGGTTGGCTTCTTGGGTGCTGCACTACTATTATCGTCTCAGCCGTTTCCATCAACAAGGG
 TCCTAAATGCTTCATGACCAATAACACCTGGGGATACCCCTTCCACGATGGTGATTATCTTAATGACCAA
 GCCTTGTGGAGCAAGTGCGAAGAACCCCGCATGTGGTCCCTTGAATCTCACCTTTTCTCCATTCTGC
 TGGTCATCGGAGGGATCCAGATGGTTCTCTGTGCCATCCAGGTGATCAATGGCCTCCTGGGAAGTCTCTG
 TGGAGACTGCCAGTGCTGTGGCTGCTGTGGGGTGATAGACCAAGT**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053785
 Insert Size: 609 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:	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:	<u>NM_053785.1</u> , <u>NP_446237.1</u>
RefSeq Size:	1576 bp
RefSeq ORF:	609 bp
Locus ID:	116467
UniProt ID:	<u>Q9EQL5</u>
Cytogenetics:	2q26
Gene Summary:	member of tetraspanin superfamily; may mediate cell proliferation and liver regeneration [RGD, Feb 2006]