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Product datasheet for SC122277

TM4SF4 (BC001386) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TM4SF4 (BC001386) Human Untagged Clone
Tag:	Tag Free
Symbol:	TM4SF4
Synonyms:	il-TMP; ILTMP
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for BC001386 edited
GAAGCAACTCCAAGGACACAGTTCACAGAAATTTGGTTCTCAGCCCCAAAATACTGATTG
AATTGGAGACAATTACAAGGACTCTCTGGCCAAAAACCCTTGAAGAGGCCCCGTGAAGGA
GGCAGTGAGGAGCTTTTGATTGCTGACCTGTGTCGTACCACCCCAGAATGTGCACTGGGG
GCTGTGCCAGATGCCTGGGGGGGACCCTCATTCCCCTTGCTTTTTTTGGCTTCCTGGCTA
ACATCCTGTTATTTTTTCCTGGAGGAAAAGTGATAGATGACAACGACCACCTTTCCCAAG
AGATCTGGTTTTTCGGAGGAATATTAGGAAGCGGTGTCTTGATGATCTTCCCTGCGCTGG
TGTTCTTGGGCCTGAAGAACAATGACTGCTGTGGGTGCTGCGGCAACGAGGGCTGTGGGA
AGCGATTTGCGATGTTCACCTCCACGATATTTGCTGTGGTTGGATTCTTGGGAGCTGGAT
ACTCGTTTATCATCTCAGCCATTTCAATCAACAAGGGTCCTAAATGCCTCATGGCCAATA
GTACATGGGGCTACCCCTTCCACGACGGGGATTATCTCAATGATGAGGCCTTATGGAACA
AGTGCCGAGAGCCTCTCAATGTGGTTCCCTGGAATCTGACCCTCTTCTCCATCCTGCTGG
TCGTAGGAGGAATCCAGATGGTTCTCTGCGCCATCCAGGTGGTCAATGGCCTCCTGGGGA
CCCTCTGTGGGGACTGCCAGTGTTGTGGCTGCTGTGGGGGAGATGGACCCGTTTAAACCT
CCGAGATGAGCTGCTCAGACTCTACAGCATGACGACTACAATTTCTTTTCATAAAACTTC
TTCTCTTCTTGGAATTATTAATTCCTATCTGCTTCCTAGCTGATAAAGCTTAGAAAAGGC
AGTTATTCCTTCTTTCCAACCAGCTTTGCTCGAGTTAGAATTTTGTTATTTTCAAATAAA
AAATAGTTTGGCCACTTAAAAAAAAAAAAAAAAAA
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View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for BC001386 unedited
CTTCATTTTGTATACGACTTACTATAGGGCGGCCGACGAATTCGCACGAGGGAAGCAACT
CCAAGACACAGTTCACAGAATTTGGTTCTCAGCCCCAAAATACTGATTGAATTGGAGACA
ATTACAAGGACTCTCTGGCCAAAAACCCTTGAAGAGGCCCCGTGAAGGAGGCAGTGAGGA
GCTTTTGATTGCTGACCTGTGTCGTACCACCCCAGAATGTGCACTGGGGGCTGTGCCAGA
TGCCTGGGGGGGACCCTCATTCCCCTTGCTTTTTTTGGCTTCCTGGCTAACATCCTGTTA
TTTTTTCCTGGAGGAAAAGTGATAGATGACAACGACCACCTTTCCCAAGAGATCTGGTTT
TTCGGAGGAATATTAGGAAGCGGTGTCTTGATGATCTTCCCTGCGCTGGTGTTCTTGGGC
CTGAAGAACAATGACTGCTGTGGGTGCTGCGGCAACGAGGGCTGTGGGAAGCGATTTGCG
ATGTTCACCTCCACGATATTTGCTGTGGTTGGATTCTTGAGAGCTGGATACTCGTTTATC
ATCTCAGCCATTTCAATCAACAAAGGTCCTAAATGCCTCATGGCCAATAGTACATGGAGC
TACCCCTTTCACGACGGGGATTATCTCANTGATGAGGCCTTATGGAACAAGTGCCGAGAG
CCTCTCANTGTGGTTCCCCTGGAATCTGACCCTCTTCTNCATCCTGCTGGTCGTAAGAAG
AATCCAGATGGTTCTCTGCGCCATCCAGTGGTCAATGGCCTCCTGAGGACCCTCTGTGGG
GACTGGCANTGTTGTAGCTGCTGTGGGGGAGAATGGACCCGTTTAAACCTCCGAGAATGA
GCTGCTCAGACTCTACAGCAGGACGACTACNATTGCCTTTTCATAAAACTTCTCTCCTCC
TAGGATTTATAAATCCNATCTGCCTTCCAACTGGAAAAAGCTAANNAAAGCT

Restriction Sites: Please inquire

ACCN: BC001386

Insert Size: 1004 bp

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: BC001386.2, AAH01386.1

RefSeq Size: 995 bp

RefSeq ORF: 606 bp

Locus ID: 7104

Cytogenetics: 3q25.1

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that can regulate cell proliferation.[provided by RefSeq, Mar 2011]