

Product datasheet for **SC320227**

TM4SF4 (NM_004617) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TM4SF4 (NM_004617) Human Untagged Clone
Tag: Tag Free
Symbol: TM4SF4
Synonyms: il-TMP; ILTMP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004617.2
GGCACGAGGGAAGCAACTCCAAGGACACAGTTCACAGAAATTTGGTTCTCAGCCCCAAAA
TACTGATTGAATTGGAGACAATTACAAGGACTCTCTGGCCAAAAACCTTGAAGAGGCC
CGTGAAGGAGGCAGTGAGGAGCTTTTGATTGCTGACCTGTGTCGTACCACCCAGAAATGT
GCACTGGGGGCTGTGCCAGATGCCTGGGGGGACCCCTATTCCCCTTGCTTTTTTTGGCT
TCCTGGCTAACATCCTGTTATTTTTTCTGGAGGAAAAGTGATAGATGACAACGACCACC
TTTCCCAAGAGATCTGGTTTTTCGGAGGAATATTAGGAAGCGGTGCTTGATGATCTTCC
CTGCGCTGGTGTCTTGGGCCTGAAGAACAATGACTGCTGTGGGTGCTGCGGCAACGAGG
GCTGTGGGAAGCGATTTGCGATGTTACCTCCACGATATTTGCTGTGGTTGGATTCTTGG
GAGCTGGATACTGTTTATCATCTCAGCCATTTCAATCAACAAGGGTCTAAATGCCTCA
TGCCCAATAGTACATGGGGCTACCCCTTCCACGACGGGGATTATCTCAATGATGAGGCCCT
TATGGAACAAGTGCCGAGAGCCTCTCAATGTGGTTCCTGGAATCTGACCCTCTTCTCCA
TCCTGCTGGTCTGAGGAGGAATCCAGATGGTTCTCTGCGCCATCCAGGTGGTCAATGGCC
TCCTGGGGACCCTCTGTGGGGACTGCCAGTGTTGTGGCTGCTGTGGGGGAGATGGACCCG
TTTAAACCTCCGAGATGAGCTGCTCAGACTCTACAGCATGACGACTACAATTTCTTTTCA
TAAACTTCTTCTTCTTGAATTATTAATTCCTATCTGCTTCTCTAGCTGATAAAGCTT
AGAAAAGGCAGTTATTCCTTCTTCCAACCAGCTTTGCTCGAGTTAGAATTTTGTATTT
TCAAATAAAAAATAGTTTGGCCACTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004617

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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_004617.2 , NP_004608.1
RefSeq Size:	1428 bp
RefSeq ORF:	609 bp
Locus ID:	7104
UniProt ID:	P48230
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]