

Specifications:

Gene:	mTm4sf1
Accession:	NP_032562
Insert size:	622bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

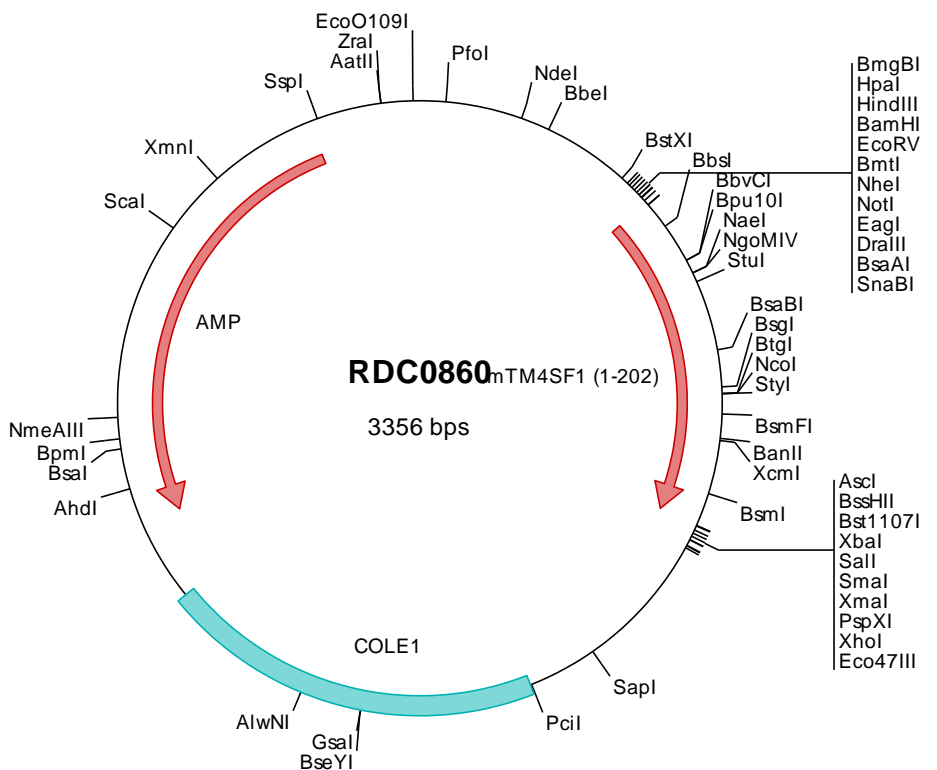
mTM4SF1/L6 cDNA Plasmid

Tm4sf1 transmembrane 4 superfamily member 1 [*Mus musculus* (house mouse)]

Also known as: L6; M3s1

Summary:

TM4SF1 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. TM4SF1 is highly expressed in skin and lung and may be a key regulator of angiogenesis.





> RDC0860 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcgggccc tcttcgctat
301 taacgacgct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcctt ggatccgata tcgctagcgc ggccgccacc atgtgtacag taaagtgtgc aagatcacatc ggatactctc tgggtgggac
501 tgctgtcttc tgcacgttag ctaatgcttt gctctacttt cctaattggg agacaaagta tgcacggag gaccacctca gccgttctgt gtggatattt
601 gccggcaattg tagggggagg cctgctgatg ctctgccag cgtttgtgtt cattgggatg gatgaagagg actgctgtgg ttgctgggac tacgaaaact
701 acggcaagcg atgctcagat ctttctctct taactggctgc totgattgga atcgtgggat ctgcttactg tgcattgtg gcatactgg gtttggcaga
801 aggaccaaag tgcagcgatg cccatggagt atggaactac acccttggca gcactgaggg acagtacctt ctgaattcct ctatgtggtc caagtgtat
901 gagcccaagc atatttgtgga gtggcatgtg actctatttt ctatcctctt ggcttttggc gcaagtgaat tcaatctgtg tctcaatcaa gtaataaattg
1001 gaatgcttgg aggettaagt ggcatttggc gctctgccca acagcaatat aactgctaaa ggccgcccag tatactctag agtcgacacc cggggaattc
1101 ctcgagcgct cgtctctagc ttggcgtaat catggtcata gctgtttcct ggtgaaatt gttatccgct cacaattcca cacaacatac gagccggaag
1201 cataaagtgt aaagcctggg gtgcctaatt agtgagctaa ctacattaa ttgctgtgag ctactgccc gcttccagc cgggaaacct gtcgtgccag
1301 ctgcattaat gaatcggcca acgcccgggg agaggcgggt tgcgtattgg gcgctcttcc gcttccctgc tcaactgactc gctgcgctgc gtcgttcggc
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1601 aaccgcagc gactataaag ataccaggcg tttccccctg gaagctccct cgtgctctct cctgttccga cctgcccgt taccggatac ctgtccgctc
1701 ttctcccttc gggaaagcgtg gcgcttctc aatgctcacg ctgtaggtat ctcaagttcg tgtaggtcgt tcgctccaag ctgggctgtg tgcacgaacc
1801 cccgcttccag cccgaccgct gcgccttatc cgttaactat cgtctttagt ccaaccgggt aagacacgac ttatcgccac tggcagcagc cactgttaac
1901 aggattagca gagcggagta tgtaggcggg gctacagagt tcttgaagtg gtggcctaac tacggctaca ctagaaggac agtatttggg atctgcgctc
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2101 taacgcgaga aaaaaaggat ctcaagaaga tctttgatc ttttctacgg ggtctgacgc tcagtggaa ccaaaactcac gtttaaggat tttggtcatg
2201 agattatcaa aaaggatctt cacctagatc cttttaaatt aaaaaatgaag ttttaaatca atctaaagta tatatgagta aactgtgtct gacagttacc
2301 aatgcttaat cagtgaggca cctatctcag cgatctgtct atttcgctca tccatagttg cctgactccc cgtcgtgtag ataactacga tacgggaggg
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3001 accgctgttg agatccagtt cgatgtaacc cactcgtgca cccaactgat cttcagcatc ttttacttcc accagcgttt ctgggtgagc aaaaacagga
3101 agcaaaaatg ccgcaaaaaa ggaataaagg cgcgacagga aatgttgaat actcactact ttcctttttc aatattattg aagcatttat cagggttatt
3201 gtctcatgag cggatacata tttgaatgta tttgaaaaaa taaacaaata ggggttccgc gcacatttcc ccgaaaagtg ccactgacg tctaagaaac
3301 cattattatc atgacattaa cctataaaaa taggcgtatc acgagccctt tctgct

> RDC0860 Translated Insert Sequence

1 mcyvkaryi gyslvwaavf civanallyf pngetkyate dhlsrfvwyf agivggllm llpafvfigm deedccgccc yenykrcsm lssvlaalig
101 ivgsaycivv aslglaeqpk csdahgwvny tfastegqyl lnssmwskey ephkivehvh tlfsillafa avefilcliq vingmlglic gyccsrqqy
201 nc