

Specifications:

Gene:	hTM4SF1
Accession:	NP_055035
Insert size:	621bp
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.

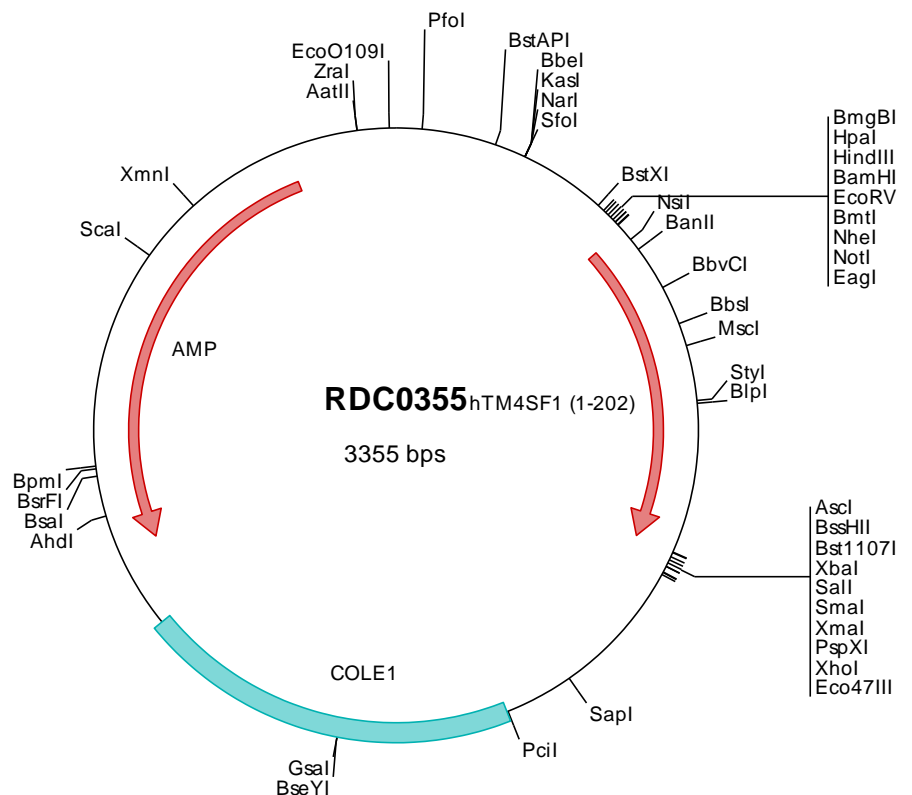
hTM4SF1 cDNA Plasmid

TM4SF1 transmembrane 4 L six family member 1 [*Homo sapiens*]

Also known as: L6; H-L6; M3S1; TAAL6

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 a cell surface antigen and is highly expressed in different carcinomas.





> RDC0355 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gacagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcgggccc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgtgctatg ggaagtgtgc acgatgcacg ggacattctc tggggggct
501 cgccctctcg tgcacgcggg ctaaatatctt gcttaacttt ccaaatgggg aaacaaagta tgccctcgaa aaccacctca gccgctctgt gtggttcttt
601 tctggcaatg taggaggtgg cctgctgatg ctctgccag catttgtctt cattgggctg gaacaggatg actgctgtgg ctgctgtggc catgaaaact
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1201 ataaagtgta aagcctgggg tgctaatga gtgagcgaac tcacattaat tgcgttgccg tcaactgccg ctttccagtc gggaaacctg tcgtgccagc
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1601 acccgacagc actataaaga taaccagcgt tccccctgg aagctccctc gtgcgctctc ctgttccgac cctgccgctt accggatacc tgtcccctt
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2301 atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc gtcgtgtaga taactacgat acgggagggc
2401 ttaccatctg gccccagtcg tgcaatgata ccgcgagacc cacgctcacc ggctccagat ttatcagcaa taaaccagcc agccggaagg gccgagcga
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3301 attattatca tgacattaac ctataaaaaat aggcgtatca cgaggccctt tcgctc

> RDC0355 Translated Insert Sequence

1 mcygkcarci ghslvglall ciaanillyf pngetkyase nhlsrfvwff sgivggllm llpafvfigl eqddccgccc hencgkrcam lssvlaalig
101 iagsgycviv aalglaepl cldslgwny tfastegqyl ldtstwsect epkhivewnv slfsillalg giefilclliq vingvlggic gfcshqqqy
201 dc