

## Product datasheet for **SC216680**

### TM9SF4 (NM\_014742) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TM9SF4 (NM_014742) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TM9SF4
Synonyms:	dj836N17.2
ACCN:	NM_014742
Insert Size:	1842 bp



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**Insert Sequence:** >SC216680 3'UTR clone of NM\_014742  
 The sequence shown below is from the reference sequence of NM\_014742. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGATCTATGCTGCTGTGAAGATAGACTGATTGGAGTGGACCACGGCCAAGCTTGCTCCGTCTCGGAC
AGGAAGCCACCCTGCGTGGGGGACTGCAGGCACGCAAAATAAAATAACTCCTGCTCGTTTGAATGTAA
CTCCTGGCACAGTGTTCTCGGATCTGGGGCTGCGTGGGGGGCGGGAGGGCCTGTAGATAATCTTGCCT
TTTTGTCATCTTATTCCAGTTCTGTGGGGATGAGTTTTTTTTGTGGTTGCTTTTTCTTCAGTGTAA
GAAAGTCCCTCCAACAGGAACCTCTGACCTGTTTATTAGGTGATTTCTGGTTGGATTTTTTTTT
CCTTCTTTGTTTTAACAAATGGATCCAGGATGGATAAATCCACCGAGATAAGGGTTTTGGTCACTGTCT
CCACCTCAGTTCCTCAGGGCTGTTGGCCACCCTATGACTAACTGGAAGAGGACACGCCAGAGCTTCAGT
GAGGTTTCCGAGCCTCTCCTGCCATCCTCACCCTGAGGCCAGACAAAGCACAGCTCCAGCTCGGA
CAGCACCTCAGTGCCAGCCAGCCTCTGCCAGACCTCTCTTCCCTCTTCCCCAGCCTCTCCAGGG
CTGCCAAGGCAGGGTTCCAGCCAGGCCTCGGGTCTCTTTTACCAGGAGCAAAACCAAGTCTTAG
TTGCTACAAGAAAATCCCTGGAAGTACTGGGGCCAGGTTCCCCAGACAGCAGGAATTGCCCTGTTC
AGAGCAGCCGGAGTTTGTGTCGACCACAAGGAAGAAGAGAAGAGACTTGCAGTGAAGTGTGTTTGTGCCA
AGAAACCTGGACCTGGGGCCAAGTATTTCCCAAGCCAAGCATCCACTTGTCTGTGTCTGGGAAGGGAT
GGCCAAGGCCGCTAGGGTCTTACCCCTCAGGATCACTCCCAGCCCTTCTCAGGAGGTACCGCTCT
CCAAGGTGTGCTAGCAGTGGGCCCTGCCAACTTCAGGCAGAACAGGGAGGCCAGAGATTACAGATCC
CTCCTGTAAAGTGGCCAGGCATTCTCCCTGCCCTCTGACCCTCTGGGCTCATACTACTCTTTTAG
CCAGCCCCATCCCTCCACCCACACCTGAGTTCTTGCCTCCTCTTTTGGGGACACCCAAAACACTGC
TTGTGAGAAGGAAGATGGAAGGTAAAGTTCTGTCGTTCTTTCCCAATCCCCAGGAATGGACAAGAAGCC
AACTTAGAAAAGAAGGTCTCACGTGGCTGGCTCCTCCGTAGACCCTGTTCTTTTCAACCTCTG
CCCACCCGTGCATGTCATCACAACATTTGCTCTTAAGTTACAAGAGACCACATCCACCCAGGGATTAG
GGTTCAAGTAGCAGCTGCTAACCCCTGCACCAGCCCTTGTGGGACTCCCAACACAAGACAAGCTCAGG
ATGCTGGTGATGCTAGGAAGATGTCCTCCCTCACTGCCCCACATTCTCCAGTGGCTCTACCAGCCT
CACCCATCAAACAGTGAATTTCTCAATCTTGCCTCACAGTACTGCAGCGCCAAGCGGCATCCACCAA
GCATCAAGTTGGAGAAAAGGGAACCCAAGCAGTAGAGAGCGATATTGGAGTCTTTTGTTCATTCAAATC
TTGGATTTTTTTTTTCCCTAAGAGATTCTTTTTAGGGGGAATGGGAAACGGACACCTCATAAAGGG
TTCAAAGATCATCAATTTTTCTGACTTTTTAAATCATTATCATTATTTTTAATTAATAAAAAATGCCT
GTATGCCTTTTTTTGGTCGGATTGTAATAAATAATACCATTGTCCTAC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_014742.4](#)

**Summary:**

Associates with proteins harboring glycine-rich transmembrane domains and ensures their efficient localization to the cell surface (PubMed:25999474). Regulates the assembly and activity of V-ATPase in colon cancer cells via its interaction with V-type proton ATPase subunit H (ATP6V1H) and contributes to V-ATPase-mediated pH alterations in cancer cells which play an important role in drug resistance and invasiveness of colon cancer cells (PubMed:25659576). Plays an important role in an atypical phagocytic activity of metastatic melanoma cells called cannibalism and is involved in the pH regulation of the intracellular vesicles in tumor cells (PubMed:19893578).[UniProtKB/Swiss-Prot Function]

**Locus ID:**

9777

**MW:**

69