

Product datasheet for **RR207314**

Tm9sf4 (NM_001025649) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm9sf4 (NM_001025649) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tm9sf4
Synonyms:	MGC116278
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR207314 representing NM_001025649
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCCGCGATGATTTGGTGGCCGAGGTTCTACTACTTCTCTGTCTAACGTGTAAGGAAGCACCT
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 ATGTTTGTCCGAAGATCTATGCTGCTGTGAAGATAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >RR207314 representing NM_001025649
Red=Cloning site Green=Tags(s)

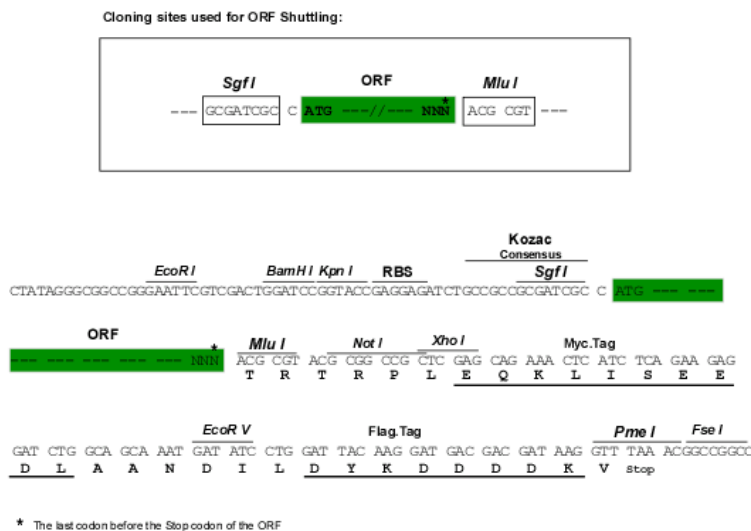
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001025649

ORF Size: 1929 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001025649.1](#), [NP_001020820.1](#)

RefSeq Size: 2273 bp

RefSeq ORF: 1932 bp

Locus ID: 296279

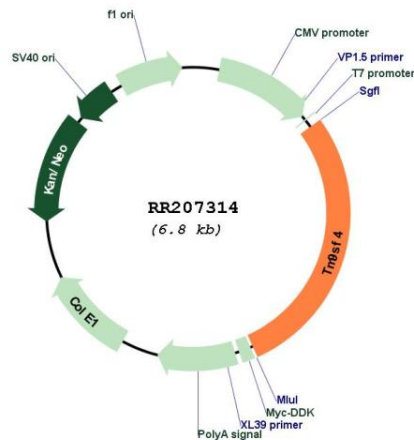
UniProt ID: [Q4KLL4](#)

Cytogenetics: 3q41

MW: 74.7 kDa

Gene Summary: Associates with proteins harboring glycine-rich transmembrane domains and ensures their efficient localization to the cell surface.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR207314