

## Product datasheet for **RR215134**

### Tm4sf20 (NM\_001109618) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tm4sf20 (NM\_001109618) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tm4sf20  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR215134 representing NM\_001109618  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGTGCTGTGAGGGGTGGACATCCTGCAATGGCTTCAGCCTGCTCATTCTGGTCTGCTAGGAGTTG  
TTATCAATTGTATCCCCCTGGGCATCAGCTTAGTGGAGGCAGACTCGGTTTCTCAAACCCCATCTCCTG  
CTACGAATGGTGGTTCCCGGGATTATAGGAGCAGCGGTGATGGCCATCCCGGCAACAGCGATGTCCCTG  
GCAGCAAGAAAAAGAGCGTGCTGTAATAACAAGACCGGGATGTTCTTTTCATCACTCTTGAGTGTGATCA  
CAGTCATTGGTGCCGTGATTGTATGTTGGTATCGATCCGAGCTCTCTTGAAGGACCTCTAGTTTGTA  
CACTCAGGTCAACAGTACTGTCACATGTGAATTTTCATTGAAAAACCTAAGTAACTTTCGTCTGAATCC  
TTCAACCTGCTGTGGTCTTCAATGACACTTGTGTCCCTCCTACTGATTTAAAAACCCACTATCAACA  
ACATGGTCAGTAACTTAAAAATACCAACTCCAACCTGAAGAAGACAGACAGGATTTCCACTTCTC  
AGTGTATGAGTCTCCTGCTTGTGGAATCCTCGAGCTCCTGTTGGGCTTAGTCAGATACTCATTGGT  
TTCCTGGCTGTCTGTGGCGTCTCTCAGCGACGGAGACAAATTGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR215134 representing NM\_001109618  
Red=Cloning site Green=Tags(s)

MTCCEGWTSCNGFSLILVLLGVVINCIPGLISLVEADSVSQNPISCYEWWFPGIIGAGVMAIPATAMSL  
AARKRACCNKTMFLSLLSVITVIGAVYCMVLSIRALLEGPLVCNTQVNSTVTCFSLKNLSNFRPES  
FNLLWFFNDTCVPPDFKNPTINMVSNLKIPNSNSEDRHRIFHFSVFMSSLLLVGILELLFGLSQILIG  
FLGCLCGVSQRRRIQV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



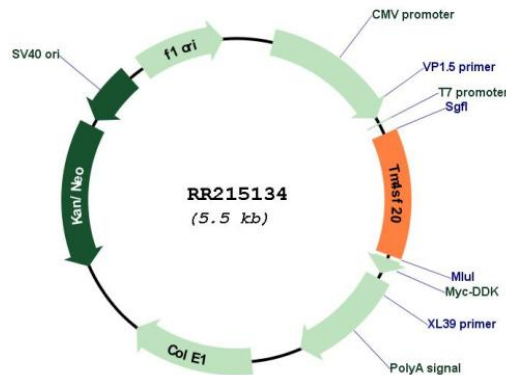
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001109618

ORF Size: 678 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001109618.1, NP_001103088.1</u>
<b>RefSeq Size:</b>	1538 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	691066
<b>Cytogenetics:</b>	9q34
<b>MW:</b>	24.8 kDa