

## Product datasheet for **RC205248A1V**

### Human TM4SF2 (TSPAN7) (NM\_004615) AAV Particle

#### Product data:

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                       |
| Product Name:             | Human TM4SF2 (TSPAN7) (NM_004615) AAV Particle                      |
| Tag:                      | Myc-DDK                                                             |
| Symbol:                   | TM4SF2                                                              |
| Synonyms:                 | A15; CCG-B7; CD231; DXS1692E; MRX58; MXS1; TALLA-1; TM4SF2; TM4SF2b |
| Mammalian Cell Selection: | None                                                                |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                          |
| ORF Nucleotide Sequence:  | >RC205248 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s)   |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCATCGAGGAGAATGGAGACAAACCTGTGATAACCTGTCTCAAACCCCTCATCATCTACTCCT  
TCGTCTTCTGGATCACTGGGGTGATCCTGCTGGCTGTTGGAGTCTGGGGCAAACCTACTCTGGGCACCTA  
TATCTCCCTTATTGCCAAGAACTCCACAAATGCTCCCTATGTGCTCATCGGAAGTGGCACCACCTATTGTT  
GTCTTTGGCCTGTTTGGATGCTTGTACATGTCGTGGTAGCCCATGGATGCTGAAACTGTATGCCATGT  
TTCTGTCCCTGGTGTTCCTGGCTGAGCTCGTAGCTGGCATTTCAGGGTTTGTGTTTCGTCATGAGATCAA  
GGACACCTTCCTGAGGACTTACACGGACACTATGCAGACTTACAATGGCAATGATGAGAGGAGCCGGGCA  
GTGGACCATGTGCAGCGCAGCCTGAGCTGCTGTGGTGTGCAGAACTACACCAACTGGAGCACCAGCCCT  
ACTTCCTGGAGCATGGCATCCCCCAGCTGCTGCATGAACGAAACTGATTGTAATCCCCAGGATCTACA  
CAATCTGACTGTGGCCGCCACCAAGTTAACCAGAAGGGTTGTTATGATCTGGTAAGTAGTTTCATGGAG  
ACTAACATGGGAATCATCGCTGGAGTGGCGTTTGAATCGCATTCTCCAGTTAATTGGCATGCTGCTGG  
CCTGCTGTCTGTCCGGTTCATCACGGCCAATCAGTATGAGATGGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC205248 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MASRRMETKPVITCLKTLLIIYSFVFWITGVILLAVGVWGKLTGTYISLIAKNSTNAPYVLIGTGTTIV<br/>VFGLFGCFATCRGSPWMLKLYAMFLSLVFLAELVAGISGFVFRHEIKDTFLRTYDTMQTYNGNDERSRA<br/>VDHVQRSLSCCGVQNYTNWSTSPYFLEHGIPPSCCMNETDCNPQDLHNLTVAAATKVNQKGCYDLVTSFME<br/>TNMGIIAGVAFGIAFSQLIGMLLACCLSRFITANQYEMV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                                                            |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_004615                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 747 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| <b>RefSeq:</b>           | <u>NM_004615.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>      | 1816 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 750 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 7102                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>       | <u>P41732</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | Xp11.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 27.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |