

Product datasheet for **RC208677A1V**

Human **TMPRSS2 (NM_005656) AAV Particle**

Product data:

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|---------------------------|--|
| Product Type: | AAV Particles |
| Product Name: | Human TMPRSS2 (NM_005656) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | TMPRSS2 |
| Synonyms: | PRSS10 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC208677 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTTGAACTCAGGGTACCACCAGCTATTGGACCTTACTATGAAAACCATGGATACCAACCGGAAA
 ACCCCTATCCCGCACAGCCCACTGTGGTCCCCTGTCTACGAGGTGCATCCGGCTCAGTACTACCCGTC
 CCCCCTGCCCCAGTACGCCCGAGGGTCTGACGCAGGCTTCCAACCCGTCGTCTGCACGCAGCCAAA
 TCCCCATCCGGGACAGTGTGCACCTCAAAGACTAAGAAAGCACTGTGCATCACCTTGACCCTGGGGACCT
 TCCTCGTGGGAGCTGCGCTGGCCGCTGGCCTACTCTGGAAGTTCATGGGCAGCAAGTGTCCAACCTG
 GATAGAGTGGGACTCCTCAGGTACCTGCATCAACCCCTCTAAGTGGTGTGATGGCGTGTACACTGCCCC
 GGCGGGGAGGACGAGAATCGGTGTGTCGCTCTACGGACCAACTTCATCCTCAGGTGTACTCATCTC
 AGAGGAAGTCTGGCACCTGTGTGCCAAGACGACTGGAACGAGAATACGGCGGGCGGCTGCAGGGA
 CATGGGCTATAAGAATAATTTTACTCTAGCCAAGGAATAGTGGATGACAGCGGATCCACCAGCTTTATG
 AAAGTGAACACAAGTGGCGCAATGTGCATATCTATAAAAACTGTACCACAGTATGCCTGTTCTTCAA
 AAGCAGTGGTTTCTTTACGCTGTATAGCCTGCGGGTCAACTGAACTCAAGCCGCCAGAGCAGGATCGT
 GGGCGGCAGAGCGCGCTCCCGGGGCTGGCCCTGGCAGTGCAGCTGCAGCTCCAGAAGTCCACGTC
 TGCGGAGGCTCCATCATCACCCCGAGTGGATCGTGACAGCCGCCACTGCGTGGAAAAACCTCTTAACA
 ATCCATGGCATTGGACGGCATTGCGGGGATTTGAGACAATCTTTCATGTTCTATGGAGCCGGATACCA
 AGTAGAAAAAGTATTTCTCATCCAATATGACTCCAAGACCAAGAACAATGACATTGCGCTGATGAAG
 CTGCAGAAGCCTCTGACTTTCAACGACCTAGTAAACCAAGTGTGTCTGCCAACCAGGCATGATGCTGC
 AGCCAGAACAGCTCTGCTGGATTTCCGGGTGGGGGCCACCGAGGAGAAAGGGAAGCCTCAGAAGTGT
 GAACGCTGCCAAGGTGCTTCTCATTGAGACACAGAGATGCAACAGCAGATATGTCTATGACAACCTGATC
 ACACCAGCCTATGCTGTGCCGCTTCTGACGGGAACGTCGATTCTTCCAGGGTGCAGTGGAGGGC
 CTCTGGTCACTTCAAGAACAATATCTGGTGGCTGATAGGGGATACAAGCTGGGTTCTGGCTGTGCCAA
 AGCTTACAGACCAGGAGTGTACGGGAATGTGATGGTATCACGGACTGGATTTATCGACAATGAGGGCA
 GACGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208677 protein sequence
 Red=Cloning site Green=Tags(s)

MALNSGSPPAIGPYENHGYQENPYPAQPTVVPTVYEVHPAQYYPSPVPQYAPRVLTAQSNPVVCTQPK
 SPSGTVCTSKTKKALCITLTLGTFLVGAALAAGLLWKFMSGKCSNSGIECDSSGTCINPSNWCDDGVSHCP
 GGEDENRCVRLYGNPFIQVYSSQRKSWHPVCQDDWNENYGRAACRDMGYKNNFYSSQGI VDDSGTSFM
 KLNTSAGNVDIYKKLYHSDACSSKAVVSLRCIACGVNLSRQSRIVGGESALPGAWPWQVSLHVQNVHV
 CGGSIIITPEWIVTAAHCVEKPLNPNPWHWTAFAGILRQSFMYGAGYQVEKVISHPNYDSKTKNNDIALMK
 LQKPLTFNDLVKPVCLPNPGMMLQPEQLCWI SGWATEEKGTSEVLNAKVLLIETQRCSRYVYDNL I
 TPAMICAGFLQGNVDSQCQDSSGGLVTSKNNIWWLIGDTSWGSCKAKAYRPGVYGNVMVFTDWIYRQMRA
 DG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005656

ORF Size:

1476 bp

| | |
|----------------------|---|
| Buffer: | PBS with 0.001% Pluronic F68 |
| Stability: | 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. |
| RefSeq: | <u>NM_005656.2</u> |
| RefSeq Size: | 3212 bp |
| RefSeq ORF: | 1479 bp |
| Locus ID: | 7113 |
| UniProt ID: | <u>O15393</u> |
| Cytogenetics: | 21q22.3 |
| MW: | 53.9 kDa |