

Product datasheet for **RC219903A1V**

Human TMPRSS7 (NM_001042575) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMPRSS7 (NM_001042575) AAV Particle
Tag:	Myc-DDK
Symbol:	TMPRSS7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219903 representing NM_001042575
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTCACTTCAAGCTGGTGGCCATAGTGGGCTACCTGATTCTCTCAATCAAGTCCATCCAAATCG
 AAGCCGACAACGTGTGCTACTGACTCCCTGACCATTTACGACTCCCTTTTGCCCATCCGGAGCAGCATCTT
 GTACAGAAATTTGTGAACCCACAAGAACATTAATGTCATTTGTTTCTACAAATAATCTCATGTTGGTGACA
 TTAAAGTCTCCTCATATACGGAGGCTCTCAGGAATCCGGGCATATTTTGAAGTCAATCCAGAACAAAAGT
 GTGAAACACAGTGTGGTCAAAGACATCACTGGCTTTGAAGGAAAAATTTCAAGCCCATATTACCCGAG
 CTACTATCCTCCAAAATGCAAGTGTACCTGAAATTTCAGACTTCTCTATCAACTCTTGGCATAGCACTG
 AAATCTATAACTATTCAATAACCAAGAAGAGTATGAAAGGCTGTGAGCATGGATGGTGGGAAATTAATG
 AGCACATGTACTGTGGCTCTACATGGATCATCAGACAATTTTTCGAGTGGCCAGCCCTCTGGTTCACAT
 TCAGCTCCAGTGCAGTTCAGGCTTTTTCAGACAAGCCACTTTTGGCAGAATATGGCAGTTACAACATCAGT
 CAACCTGCCCTGTTGGATCTTTTAGATGCTCCTCCGGTTTATGTGTCCCTCAGGCCAGCGTTGTGATG
 GAGTAAATGACTGCTTTGATGAAAGTATGAACTGTTTTCGCTGAGCCCTCAACCTGCCTGCAATACCAG
 CTCCTTCAGGCAGCATGGCCCTCTCATCTGTGATGGCTTCAGGGACTGTGAGAATGGCCGGGATGAGCAA
 AACTGCACTCAAAGTATTCATGCAACAACAGAACTTTTAAGTGTGGCAATGATATTTGCTTTAGGAAAC
 AAAATGCAAAATGTGATGGGACAGTGGATTGTCCAGATGGAAGTATGAAGAAGGCTGCACCTGCAGCAG
 GAGTTCCTCCGCCCTTACCAGCATCATCGGAGGCACAGACCCCTGGAGGGGGTTGGCCGTGGCAGGTC
 AGCCTCCACTTTGTTGGATCTGCCTACTGTGGTGCCTCAGTCTCTCCAGGGAGTGGCTTCTTTCTGCAG
 CCCACTGTTTTATGGAACAGGCTGTGAGTCCACACCATGGACTGCACACCTCGGGATGATGTTTCA
 GGGGAATGCCAAGTTTGTCTCCCGGTGAGAAGAATTGTGGTCCACGAGTACTATAACAGTCAGACTTTT
 GATTATGATATTGCTTTGCTACAGCTCAGTATTGCCTGGCCTGAGACCCTGAAACAGCTATTACGCCAA
 TATGATTCTCCCACTGGTCAGAGAGTTTCGAGTGGGAGAAGTGTGGGTAAGTGGTGGGGGCGAAG
 ACACGAAGCAGATAATAAAGGCTCCCTCGTTCTGCAGCAAGCGGAGGTAGAGCTCATTGATCAAACGCTC
 TGTGTTTCCACCTACGGGATCATCACTTCTCGGATGCTCTGTGCAGGCATAATGTCAGGCAAGAGAGATG
 CCTGCAAAGGAGATTCGGGTGGACCTTTATCTGTGCAAGAAAAAGTATGGAATGGATTTTGACTGG
 CATTGTTAGCTGGGACATGGATGTGGACGACCAAACCTTCTGGTGTTCACACAAGGTGTCAAACCTT
 GTTCCCTGGATCATAAATATGCCCTTCTCTTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MCHFKLVAIVGYLIRLSIKSIQIEADNCVTDLSLTIYDSSLPIRSSILYRICEPTRTLMSFVSTNNMLVLT
 FKSPHIRRLSGIRAYFEVIPEQKCENTVLVKDITGFEGKISSPYPSYPPKCKCTWKFTSLSTLGIAL
 KFYNSITKSMKGCEHGWWEINEHMYCGSYMDHQTIFRVPSPLVHILQCSSRLSDKPLLAIEYGSYNIS
 QPCPVGSFRCSGLCVPQAQRCDGVNDCFDESDELFCVSPQACNTSSFRQHGPLICDGFRCENGREDEQ
 NCTQSIPCNNRTFKCGNDICFRKQNAKCDGTVDGSDGDEEGCTCSRSSALHRIIGGTDLEGGWPWQV
 SLHFVGSAYCGASVISREWLLSAAHCFHGNRLSDPTPWAHLGMYVQGNKAFVSPVRRIVVHEYNSQTF
 DYDIALQLSIAWPETLKQLIQPICIPPTGQVRSGEKWVTGWGRRHEADNKGSLVLQQAEEVLIDQTL
 CVSTYGIITSRLCAGIMSGKRDACKGDSGGPLSCRRKSDGKWILTGIVSWGHCGRPNFPGVYTRVSNF
 VPWIHKYVPSLL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001042575
ORF Size:	1716 bp
Buffer:	PBS with 0.001% Pluronic F8068
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_001042575.1</u> , <u>NP_001036040.1</u>
RefSeq Size:	2622 bp
RefSeq ORF:	2154 bp
Locus ID:	344805
UniProt ID:	<u>Q7RTY8</u>
Cytogenetics:	3q13.2
MW:	63.9 kDa