

Product datasheet for **MR207852A1V**

Mouse Tmprss2 (NM_015775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tmprss2 (NM_015775) AAV Particle
Tag:	Myc-DDK
Symbol:	Tmprss2
Synonyms:	D16Ertd61e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207852 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCATTGAACTCAGGGTCACCTCCAGGAATCGGACCTTGCTATGAGAACCACGGGTATCAGTCTGAGC
ACATCTGTCTCCGAGACCACAGTGGCTCCCAATGGCTACAACCTGTATCCAGCCCAGTACTACCCATC
TCCAGTGCCTCAGTATGCTCCGAGGATTACAACGCAAGCCTCAACATCTGTATCCACACACATCCCAAG
TCCTCAGGAGCACTGTGCACCTCAAAGTCTAAGAAATCGCTGTGTTTAGCCCTCGCCCTGGGCACTGTCC
TCACGGGAGCTGCTGTGGCTGCTGTTGCTTTGGAGGTTCTGGGACAGCAACTGTTCTACGTCTGAGAT
GGAGTGTGGGTCTTCAGGCACATGCATCAGCTCTTCTCTGCTGTGACGGGGTAGCACATTGTCCCAAC
GGAGAAGATGAGAACCGTTGTGTTCTGCTCTACGGACAAAGCTTCATCCTCCAGGTTTACTCATCTCAGA
GGAAAGCCTGGTATCCCGTGTGCCAGGATGATTGGAGTGAGAGCTACGGGAGAGCAGCATGTAAGACAT
GGGATACAAGAACAATTTTATTCTAGCCAAGGATACCAGACCAGAGCGGGGCAACGAGCTTTATGAAG
CTGAATGTGAGCTCAGGCAACGTTGACCTCTATAAAAACTCTACCACAGTGACTCATGTTTCATCCCGCA
TGGTGGTTTCTTTCGCTGTATAGAATGCGGGGTTGCTCAGTGAAACGCCAGAGCAGGATTGTGGGTGG
ATTGAATGCCTCACCAGGAGACTGGCCCTGGCAGGTGACGCTGCACGTCCAAGGCGTCCACGTCTGCGGA
GGCTCCATCATCACCCCGAGTGGATTGTGACGGCCGCCCACTGTGTGGAAGAACCCCTCAGCAGCCCGA
GGTACTGGACGGCATTTCGCGGAATTCGAGACAGTCTCTCATGTTCTATGGAAGTAGACACCAGGTAGA
AAAAGTAATTTCCCATCCAAATTACGACTCTAAGACCAAGAATAACGACATTGCTCTCATGAAGTGCAG
ACACCTTTGGCTTTTAATGATCTAGTGAAGCCAGTGTGCTGCCGAACCCAGGCATGATGCTAGACCTAG
ACCAGGAATGCTGGATTTCGGGGTGGGGGCCACCTATGAGAAAGGGAAGACCTCGGACGTGTTGAATGC
TGCCATGGTACCCTTGATCGAGCCCTCCAAATGTAATAGTAAATACATATACAACAACCTAATCACACCA
GCCATGATCTGTGCCGGCTTCTCCAGGGTCTGTCGACTCTTGCCAGGAGACAGTGGAGGGCCGCTGG
TTACTTTGAAGAATGGGATCTGGTGGCTGATTGGGACACGAGCTGGGGCTCGGGCTGTGCCAAGGCACT
CAGACCTGGAGTATACGGGAACGTGACGGTATTTACAGATTGGATCTACCAGCAAATGAGGGCGAACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207852 protein sequence

Red=Cloning site Green=Tags(s)

 MALNSGSPPGIGPCYENHGYQSEHICPPRPVAPNGYNLYPAQYYPSVPQYAPRITTQASTSVIHTHPK
SSGALCTSKSKSLCLALALGTVLTGAAVAALLWRFWDSNCSTSEMECGSSGTCISSSLWCDGVAHCPN
GEDENRCVRLYGQSFILQVYSSQRKAWYPVCQDDWSESYGRAACKDMGYKNNFYSSQGIPDQSGATSFMK
LNVSSGNVDLYKKLYHSDSCSSRMVVSRLRCIEGVRSVKRQSRIVGLNASPGDWPWQVSLHVQGVHVC
GSIITPEWIVTAAHCVEEPLSSPRYWTAFAGILRQSLMFYGSRHQVEKVISHPNYDSKTKNNDIALMKLQ
TPLAFNDLVKPVCLPNPGMMLDLQECWISGWGATYEKGTSDVLNAAMVPLIEPSKCNKYIYNLITP
AMICAGFLQGSVDSCQDSSGGLVTLKNGIWWLIGDTSWGSCKAKALRPGVYGNVTVFTDWIYQQMRANS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_015775

ORF Size:

1470 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_015775.2, NP_056590.2</u>
RefSeq Size:	3175 bp
RefSeq ORF:	1473 bp
Locus ID:	50528
UniProt ID:	<u>Q9JIQ8</u>
Cytogenetics:	16 57.53 cM
MW:	53.5 kDa