

Product datasheet for **RC224725A1V**

Human TMPRSS4 (NM_001083947) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMPRSS4 (NM_001083947) AAV Particle
Tag:	Myc-DDK
Symbol:	TMPRSS4
Synonyms:	CAP2; CAPH2; MT-SP2; TMPRSS3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224725 representing NM_001083947 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTACAGGATCCTGACAGTGATCAACCTCTGAACAGCCTCGATGTCAAACCCCTGCGCAAACCCCGTA
TCCCCATGGAGACCTTCAGAAAGGTGGGGATCCCCATCATCATAGCACTACTGAGCCTGGCGAGTATCAT
CATTGTGGTTGTCCTCATCAAGGTGATTCTGGATAAATACTACTTCTCTGCGGGCAGCCTCTCCACTTC
ATCCCAGGAAGCAGCTGTGTGACGGAGAGCTGGACTGTCCCTTGGGGGAGGACGAGGAGCACTGTGTCA
AGAGCTTCCCCGAAGGGCCTGCAGTGGCAGTCCGCCTCTCCAAGGACCGATCCACACTGCAGGTGCTGGA
CTCGGCCACAGGGAAGTGGTCTCTGCCTGTTTCGACAACCTTCACAGAAGCTCTCGCTGAGACAGCCTGT
AGGCAGATGGGTACAGCAGAGCTGTGGAGATTGGCCAGACCAGGATCTGGATGTTGTTGAAATCACAG
AAAACAGCCAGGAGCTTCGCATGCGGAACTCAAGTGGGCCCTGTCTCAGGCTCCCTGGTCTCCCTGCA
CTGTCTTGCTGTGGGAAGAGCCTGAAGACCCCCGTGTGGTGGTGGGAGGAGGCCTCTGTGGATTCT
TGGCCTTGGCAGGTCAGCATCCAGTACGACAAACAGCACGTCTGTGGAGGAGCATCCTGGACCCCACT
GGGTCTCACGGCAGCCCACTGCTTCAGGAAACATACCGATGTGTTCAACTGGAAGGTGCGGGCAGGCTC
AGACAACTGGGCAGCTTCCCATCCCTGGCTGTGGCCAAGATCATCATATTGAATTAACCCCATGTAC
CCCAAAGACAATGACATCGCCCTCATGAAGCTGCAGTTCCTCACTTTCTCAGGCACAGTCAGGCCCA
TCTGTCTGCCCTTCTTTGATGAGGAGCTCACTCCAGCCACCCCACTCTGGATCATTGGATGGGGCTTTAC
GAAGCAGAATGGAGGGAAGATGTCTGACATACTGCTGCAGGCGTCAGTCCAGGTCATTGACAGCACACGG
TGCAATGCAGACGATGCGTACCAGGGGGAAGTCACCGAGAAGATGATGTGTGCAGGCATCCCGGAAGGGG
GTGTGGACACCTGCCAGGCTGACAGTGGTGGGCCCTGATGTACCAATCTGACCAAGTGGCATGTGGTGGG
CATCGTTAGTTGGGGCTATGGCTGCGGGGGCCGAGCACCCCAAGGATATACCAAGGTCTCAGCCTAT
CTCACTGGATCTACAATGTCTGGAAGGCTGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC224725 representing NM_001083947 Red=Cloning site Green=Tags(s) MLQDPDSQPLNSLDVKPLRKPRIPMETFRKVGIPIIIIALLSLASIIIVVLIKVILDKYYFLCGQPLHF IPRKQLCDGELDCPLGEDEEHCVKSFPEGPAVAVRLSKDRSTLQVLDSATGNWFSACFDNFTEALAETAC RQMGYSRAVEIGPDQDLVDVEITENSQELMRNSSGPCLSGSLVSLHCLACGKSLKTPRVVGEEASVDS WPWQVSIQYDKQHVCGGSILDPHWLTAHCFRKHTDVFNWKVRAGSDKLGSFSLAVAKIIIEFNPMY PKDNDIALMKLQFPLTFSGTVRPICLPFFDEELTPATPLWIIGWGFTKQNGGKMSDILLQASVQVIDSTR CNADDAAYQGEVTEKMMCAGIPEGGVDTCQGDSSGGLMYQSDQWHVVGIVSWGYGCGGPSTPGVYTKVSAY LNWIYNVWKAEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001083947
ORF Size:	1296 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_001083947.1</u> , <u>NP_001077416.1</u>
RefSeq Size:	3534 bp
RefSeq ORF:	1299 bp
Locus ID:	56649
UniProt ID:	<u>Q9NRS4</u>
Cytogenetics:	11q23.3
MW:	47.5 kDa