

Product datasheet for **RC224957A1V**

Human TMPRSS3 (NM_032401) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TMPRSS3 (NM_032401) AAV Particle
Tag:	Myc-DDK
Symbol:	TMPRSS3
Synonyms:	DFNB8; DFNB8, DFNB10, ECHOS1, TADG12; DFNB10; ECHOS1; OTTHUMP00000109345; serine protease TADG12; TADG12; transmembrane protease, serine 3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224957 representing NM_032401 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTGCTCCGATGACTGGAAGGGTCACTACGCAAATGTTGCCTGTGCCAACTGGGTTCCCAAGCTATG
TGAGTTCAGATAACCTCAGAGTGAGCTCGCTGGAGGGGAGTTCCGGGAGGAGTTGTGTCCATCGATCA
CCTCTTGCCAGATGACAAGGTGACTGCATTACACCACTCAGTATATGTGAGGGAGGGATGTGCCTCTGGC
CACGTGGTTACCTTGCACTGCACAGCCTGTGGTCATAGAAGGGGCTACAGCTCACGCATCGTGGGTGGAA
ACATGTCCTTGCTCTCGAGTGGCCCTGGCAGGCCAGCCTTCAGTTCAGGGCTACCACCTGTGCGGGGG
CTCTGTCATCACGCCCCGTGTGGATCATCACTGCTGCACACTGTGTTTATGACTTGACCTCCCCAAGTCA
TGGACCATCCAGGTGGGTCTAGTTTCCCTGTTGGACAATCCAGCCCCATCCCACTTGGTGGAGAAGATTG
TCTACCACAGCAAGTACAAGCCAAAGAGGCTGGGCAATGACATCGCCCTTATGAAGCTGGCCGGGCCACT
CACGTTCAATGAAATGATCCAGCCTGTGTGCCTGCCAACTCTGAAGAGAACTTCCCGATGAAAAAGTG
TGCTGGACGTCAGGATGGGGGGCCACAGAGGATGGAGCAGGTGACGCCTCCCCTGTCTGAACACGCGG
CCGTCCCTTTGATTTCCAACAAGATCTGCAACCACAGGACGTGTACGGTGGCATCATCTCCCCCTCCAT
GCTCTGCGCGGGCTACCTGACGGGTGGCGTGGACAGCTGCCAGGGGGACAGCGGGGGGCCCTGGTGTGT
CAAGAGAGGAGGCTGTGGAAGTTAGTGGGAGCGACAGCTTTGGCATCGGCTGCGCAGAGGTGAACAAGC
CTGGGGGTACACCCGTGTACCTCCTCCTGGACTGGATCCACGAGCAGATGGAGAGAGACCTAAAAAC
C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC224957 representing NM_032401 Red=Cloning site Green=Tags(s) MCSDDWKGHYANVACAQLGFPSYVSSDNLRVSSLEGQFREEFVSIHLLPDDKVTALHHSVYVREGCASG HVVTLQCTACGHRRGYSSRIVGGNMSLLSQWPWQASLQFQGYHLCGGSVITPLWIITAAHCYDLYLPKS WTIQVGLVSLDNPAPSHLVEKIVYHSKYKPKRLGNDIALMKLAGPLTFNEMIQPVCLPNSEENFPDGKV CWTSGWGATEDGAGDASPVLNHAAVPLISNKICNHRDVYGGIISPSMLCAGYLTGGVDSQGDSSGGLVC QERRLWKLVGATSF GIGCAEVNKP G VYTRVTSFLDWIHEQMERDLKT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032401
ORF Size:	981 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_032401.1, NP_115777.1</u>
RefSeq Size:	2554 bp
RefSeq ORF:	983 bp
Locus ID:	64699
Cytogenetics:	21q22.3
MW:	36.2 kDa