

Product datasheet for **RC222362A1V**

Human HTRA1 (NM_002775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HTRA1 (NM_002775) AAV Particle
Tag:	Myc-DDK
Symbol:	HTRA1
Synonyms:	ARMD7; CADASIL2; CARASIL; HtrA; L56; ORF480; PRSS11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222362 representing NM_002775
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCAGATCCCGCGCGCGCTCTTCTCCCGCTGCTGCTGCTGCTGCTGGCGGCGCCCGCCTCGGCGCAGC
 TGTCCCGGGCCGCGCTCGGCCCTTTGGCTGCCGGTTGCCAGACCGCTGCGAGCCGGCGCGCTGCC
 GCGCAGCCGGAGCACTGCGAGGGCGCGCGGCCGGGACGCGTGC GGCTGCTGCGAGGTGTGCGGCGCG
 CCCGAGGGCGCGCGTGC GGCTGCAGGAGGGCCCGTGC GGCGAGGGGCTGCAGTGC GTGGTGCCTTCG
 GGGTGCCAGCCTCGGCCACGGTGC GGCGCGCGCGCAGGCCGGCTCTGTGTGCGCCAGCAGCGAGCC
 GGTGTGCGGCAGCGACGCCAACCTACGCCAACCTGTGCCAGTGC GGCGCGCCAGCCGCCGCTCCGAG
 AGGCTGCACCGGCCCGCGGTATCGTCTGCAGCGCGGAGCCTGCCGCCAAGGGCAGGAAGATCCCAACA
 GTTTCGCCATAAATAAATTTATCGCGGACGTGGTGGAGAAGATCGCCCTGCCGTGGTTCATATCGA
 ATTGTTTCGAAAGCTTCGGTTTCTAACGAGAGGTGCCGGTGGCTAGTGGGTCTGGGTTTATTGTGTCG
 GAAGATGGACTGATCGTGACAAATGCCACGTGGTGACCAACAAGCACCGGGTCAAAGTTGAGCTGAAGA
 ACGGTGCCACTTACGAAGCCAAAATCAAGGATGTGGATGAGAAAGCAGACATCGCACTCATCAAAATTGA
 CCACGAGGGCAAGCTGCCTGTCTGCTGCTTGGCCGCTCCTCAGAGCTGCCGCCGGGAGAGTTTCTGGTC
 GCCATCGGAAGCCCGTTTTCCCTTCAAACACAGTCACCAACGGGATCGTGAGCACCACCCAGCGAGGCG
 GCAAAGAGCTGGGGCTCCGCAACTCAGACATGGACTACATCCAGACCGACGCCATCATCAACTATGGAAA
 CTCGGGAGGCCCGTTAGTAACTGGACGGTGAAGTGATTGGAATTAACACTTTGAAAGTGACAGCTGGA
 ATCTCCTTTGCAATCCCATCTGATAAGATTA AAAAGTTCTCACGAGTCCCATGACCGACAGGCCAAAG
 GAAAAGCCATCACCAAGAAGAAGTATATTGGTATCCGAATGATGTCACGTCCAGCAAAGCCAAAGA
 GCTGAAGGACCGCACCGGACTTCCAGACGTGATCTCAGGAGCGTATATAATTGAAGTAATTCCTGAT
 ACCCCAGCAGAAGCTGGTGGTCTCAAGGAAAACGACGTATAATCAGCATCAATGGACAGTCCGTGGTCT
 CCGCAATGATGTCAGCGACGTATTAAAGGGAAGCACCTGAACATGGTGGTCCGAGGGTAATGA
 AGATATCATGATCACAGTGATTCCCGAAGAAATTGACCA

AG**CGGACCG**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MQIPRAALLPLLLLLLAPASAQLSRAGRSAPLAAGCPDRCEPARCPPQPEHCEGGRARDACGCCEVCGA
 PEGAACGLQEGPCGELQCVVPFGVPASATVRRRAQAGLCVCASSEPVCGSDANTYANLQCLRAASRRSE
 RLHRPPVIVLQRGACGQGEDPNSLRHKYNFIADVVEKIAPAVVHIELFRKLPSKREVPVASGSGFIVS
 EDGLIVTNAHVVTNKHVRVKVELKNGATYEAKIKDVDEKADIALIKIDHQKLPVLLLGRSSELRPGFVV
 AIGSPFSLQNTVTTGIVSTTQRGGKELGLRNSDMDYIQTDAIINYGNSSGGLVNLDEVIGINTLKVTA
 ISFAIPSDKIKKFLTESHDRQAKGKAITKKKYIGIRMMSLTSSKAKELKDRHRDFPDVISGAYIIEVIPD
 TPAAEAGGLKENDVIISINGQSVVSANDVSDVIKRESTLMVVRNGEDIMITVIPEEIDPSGPTRRTRPLE
 QKLISEEDLAANDILDYKDDDDKV*

SGPTRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002775

ORF Size:

2622 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_002775.3</u>
RefSeq Size:	2133 bp
RefSeq ORF:	1443 bp
Locus ID:	5654
UniProt ID:	<u>Q92743</u>
Cytogenetics:	10q26.13
MW:	51.3 kDa