

Product datasheet for **RC222933A1V**

Human TBRG4 (NM_030900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBRG4 (NM_030900) AAV Particle
Tag:	Myc-DDK
Symbol:	TBRG4
Synonyms:	CPR2; FASTKD4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222933 representing NM_030900
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCTCACCTGGTAAAGCGATGCACGTGCCTCCTGAGAGAAGCTGCTCGTCAGGCCCTGCCATGG
 CTCCAGTTGGCCGACTGAGACTTGCCTGGGTAGCCATAAGACTCTGACTTCCTCAGCCACCTCACCCAT
 TTCCACCTCCAGGTTCTTGATGGAGCCGGTGGAGAAGGAACGAGCATCTACTCCCTACATAGAGAAG
 CAGGTGGACCACCTCATCAAGAAGGCCACAAGGCCAGAGGAGCTCCTGGAGCTACTTGGTGGCAGTCACG
 ACTTGGACAGCAATCAAGCAGCAATGGTACTTATCCGGCTCTCTCACTTGCTGTCTGAGAAGCCAGAAGA
 TAAAGGCTTGCTCATACAGGATGCCACTTTCATCAACTTCTGTCTGTCTCAACAGTCAGATTGCCTCG
 GTCTGGCATGGTACCCTCTCGAAGCTGCTGGGAAGCCTGTATGCTCTGGGCATCCCCAAGGCCTCCAAGG
 AGCTGCAGTCGGTGGAGCAGGAGGTCGCTGGCGCATGCGGAAGCTCAAGTACAAGCACCTGGCCTTCT
 GGCAGAGTCCTGTGCCACCTCTCACAGGAGCAGCACTCGCAGGAGCTGCTGGCTGAGCTGCTCACACAC
 CTGGAAGGCGTTGGACAGAAATTGAAGATTCCACACATTAGTGACCGTCATGATGAAGGTGGGACACC
 TCTCGGAGCCACTAATGAACCGCTGGAAGACAAGCACGTCTGAACAGAGCGCAGGACATCACCTGCC
 CCACCTGTGCAGCGTACTTCTGGCTTTTGCAGCTCTGAACCTCCATCCAGACCAAGAGGATCAGTTCTTC
 AGCCTGGTACATGAGAAGCTGGGGTCAGAGCTGCCAGGCCTGGAGCCAGCCCTGCAGGTGGACCTGGTGT
 GGGCCCTGTGTGTCTGCAGCAGGCACGGGAAGCAGAGCTGCAAGCCGTCCTCCACCTGAATTTACAT
 CCAATTTCTAGGGGGCAAGTCTCAGAAGGATCAGAACACCTTCCAGAAGCTGCTCCACATCAACGCCACT
 GCCCTGCTGGAGTACCCGAGTACTCGGGTCCCTTCTGCCTGCCTCGGCTGTGGCCCTGGGCGCTCAG
 CCCTTGACAGGAAGGTGACCCCTGCAAAAGGAGCTGCAGGAGACGCTGAAGGGGCTGCTGGGAGCGC
 CGACAAGGGCAGCCTCGAGGTGGCCACGCAGTATGGCTGGGTGCTGGATGCTGAGGTGCTGCTGGACAGT
 GACGGCGAGTTTCTGCCCGTAAGGGACTTTGTGGCACCTCACCTTGCCAGCCAAGTGGGAGCCAGTCAC
 CACCTCCAGGCTTAAGAGGCTAGCGTTCTTGCAGTGGGAGTTCCCAACTTCAACAGCCGAAGCAAGGA
 CTTGCTGGGTGCTTTGTTCTGGCCCGGCGACACATAGTGGCTGCAGGCTTCTGATAGTGGACGTCCCA
 TTCTATGAGTGGCTGGAAGTCAAGTCTGAATGGCAGAAAGGCGCTACCTCAAGGACAAGATGCGCAAAG
 CGGTGGCTGAGGAGCTGGCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAHLVKRCTCLLREARQAPAMAPVGRRLAWVAHKTLTSSATSPISHLPGSLMEPVEKERASTPYIEK
 QVDHLIKKATRPEELLELLGGSHDLDSNQAAMVLIIRLHLLSEKPEDKGLLIQDAHFHQLLCLLNSQIAS
 VWHGTLKLLGSLYALGIPKASKELQSVEQEVWRMRKLKYKHLAFLAESCATLSQEQHSQELLAELLTH
 LERRWTEIEDSHTLVTVMMKVGHLSLEPLMNRLDKHVLNRAQDITLPHLCVLLAFARLNFHPDQEDQFF
 SLVHEKLGSELPGLEPALQVDLVWALCVLQQAREAEQAVLHPEFHIQFLGGKSQKDQNTFQKLLHINAT
 ALLEYPEYSGPLLPASAVAPGPSALDRKVTPLQKELQETLKGLLGSADKGSLEVATQYGVWLDAEVLDS
 DGEFLPVRDFVAPHLAQPTGSQSPPPGSKRLAFLRWEFPNFSRSKDLLGRFVLARRHIVAAGFLIVDVP
 FYEWLELKSEWQKGAYLKDKMRKAVAEELAK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030900

ORF Size:

1563 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_030900.2</u>
RefSeq Size:	1961 bp
RefSeq ORF:	1566 bp
Locus ID:	9238
UniProt ID:	<u>Q969Z0</u>
Cytogenetics:	7p13
MW:	58.4 kDa