

Product datasheet for **RC204486A1V**

Human TRP2 (DCT) (NM_001922) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TRP2 (DCT) (NM_001922) AAV Particle
Tag:	Myc-DDK
Symbol:	TRP2
Synonyms:	TRP-2; TYRP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204486 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCCCCCTTTGGTGGGGTTTCTGCTCAGTTGCTTGGGCTGCAAAATCCTGCCAGGAGCCAGGGTC
 AGTTCCCCCGAGTCTGCATGACGGTGGACAGCCTAGTGAACAAGGAGTGTGCCCCACGCTGGGTGCAGA
 GTCGGCCAATGTCTGTGGCTCTCAGCAAGGCCGGGGCAGTGCACAGAGGTGCGAGCCGACACAAGGCC
 TGGAGTGGTCCCTACATCCTACGAAACCAGGATGACCGTGAGCTGTGGCCAAGAAAATTCTTCCACCGGA
 CCTGCAAGTGCACAGGAACTTTGCCGGCTATAATTGTGGAGACTGCAAGTTTGGCTGGACCGGTCCCAA
 CTGCGAGCGGAAGAAACCACCAAGTATTGCGCAGAATCCATTCTTGAGTCTCAGGAAAGAGAGCAG
 TTCTTGGGCGCCTTAGATCTCGCAAGAAGAGAGTACACCCGACTACGTGATCACCACACAACACTGGC
 TGGGCTGCTTGGGCCAATGGAACCCAGCCGAGTTTCCAAGTGCAGTGTATGATTTTTTGTGTG
 GCTCCATTATTATTCTGTAGAGATACATTATTAGGACCAGGACGCCCTACAGGGCCATAGATTCTCA
 CATCAAGGACCTGCATTTGTTACCTGGCACCAGTACCATTGTTGTGTCTGGAAGAGATCTCCAGCGAC
 TCATTGGCAATGAGTCTTTTGTCTTGCCTACTGGAACTTGCCACTGGGAGGAACGAGTGTGATGTGTG
 TACAGACCAGCTGTTTGGGCGAGCGAGACCAGACGATCCGACTCTGATTAGTCGGAACCTCAAGATTCTCC
 AGCTGGGAAATGTCTGTGATAGCTTGGATGACTACAACACCTGGTCACCTTGTGCAATGGAACCTATG
 AAGGTTTGTCTGAGAAGAAATCAAATGGGAAGAAACAGCATGAAATTGCCAACCTTAAAGACATACGAGA
 TTGCCTGTCTCTCAGAAAGTTTGACAATCCTCCCTTCTCCAGAACTTACCTTCAGTTTCAGGAATGCT
 TTGGAAGGTTTGATAAAGCAGATGGGACTCTGGATTCTCAAGTATGAGCCTTCATAATTTGGTTCATT
 CCTTCTGAACGGGACAAACGCTTTGCCACATTCAGCCGCAATGATCCATTTTGTGGTCTTTCATTCT
 CTTTACTGATGCCATCTTTGATGAGTGGATGAAAAGATTAACTCCTCCTGCAGATGCCTGGCCTCAGGAG
 CTGGCCCTATTGGTCACAATCGGATGTACAACATGGTTCCTTCTCCTCCAGTACTAATGAAGAAC
 TCTTTTAACTCAGACCAACTTGGCTACAGCTATGCCATCGATCTGCCAGTTTCAGTTGAAGAACTCC
 AGGTTGGCCCAACTCTCTAGTAGTCATGGGAACACTGGTGGCTTGGTTGGTCTTTTGTGCTGTTG
 GCTTTTCTTCAATATAGAAGACTTCGAAAAGGATATACACCCCTAATGGAGACACATTTAAGCAGCAAGA
 GATACACAGAAGAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204486 protein sequence
 Red=Cloning site Green=Tags(s)

MSPLWWGFLLSCLGCKILPGAQQFPRVCMTVDLSVNKECCPRLGAESANVCGSQQGRGQCTEVRADTRP
 WSGPYILRNQDDRELWPRKFFHRTCKCTGNFAGYNGDCKFGWTGPNCERKKPPVIRQNIHSLSPQEREQ
 FLGALDLAKKRVHPDYVITTHWLGLLPNGTQPQFANCSVYDFVWLHYYSVRDILLGPRPYRAIDFS
 HQGPAFVTWHRYHLLCLERDLQRLIGNESFALPYWNFATGRNECDVCTDQLFGAARPDDPTLISRNSRFS
 SWETVCDLDDYNHLVTLNNGTYEGLLRNQMGGRNSMKLPTLKDIRDCLSLQKFDNPPFFQNSTFSFRNA
 LEGFDKADGTLDSQVMSLHNLVHSFLNGTNALPHSAANDPIFVVLHSFTDAIFDEWMKRFNPPADAWPQE
 LAPIGHNRMYNMVPFFPPVTNEELFLTSDQLGYSYIDLPSVSEETPGWPTLLVVMGTLVALVGLFVLL
 AFLQYRRLRKGYTPLMETHLSSKRYTEEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001922

ORF Size:

1557 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_001922.2</u>
RefSeq Size:	2304 bp
RefSeq ORF:	1560 bp
Locus ID:	1638
UniProt ID:	<u>P40126</u>
Cytogenetics:	13q32.1
MW:	59.1 kDa