

Product datasheet for **RC203717A1V**

Human DTX2 (NM_020892) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DTX2 (NM_020892) AAV Particle
Tag:	Myc-DDK
Symbol:	DTX2
Synonyms:	RNF58
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203717 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCATGGCCCCAAGCCCTTCCCTGGTGCAGGTGTACACCAGCCCCGCGGCTGTGGCCGTGTGGGAAT
 GGCAGGACGGGCTGGGCACCTGGCACCCCTACAGTGCCACCGTCTGCAGCTTCATCGAGCAGCAGTTTGT
 CCAGCAGAAGGGCCAACGTTTTGGGCTTGGGAGCTGGCCACAGCATCCCTTGGGCCAGGCAGACCCC
 TCGCTGGCCCCCTTACATTATTGACCTCCCCAGCTGGACCCAGTTCCGCCAGGACACCGGCACCATGCGGG
 CTGTGCGGAGACACCTGTTCCCCAGCACTCAGCCCCCTGGCCGAGGTGTCGTCTGGGAGTGGCTGAGCGA
 CGATGGCTCCTGGACTGCCTATGAAGCCAGCGTCTGTGACTATCTGGAGCAGCAGGTGGCCAGGGCAAC
 CAGCTCGTGGACTTGGCCCCCTGGGGTACAACACTACTGTCACTACACCACCCACACGCAGACCAACA
 AGACTTCCAGCTTTTGGCGCAGCGTGGCGGCCAAGCAGGGCCGCTTACCCGGTGACCACCATCATCGC
 TCCGCCGGGCCACACAGGCGTGCCTGCTCTTGCCACCACTGCCTCAGTGGCAGCAGAAGTGGCCCCGTG
 TCAGGCCGCTACCGCCACTCCATGACCAACCTCCCTGCATACCCCGTCCCCCAGACCCCCACACAGGA
 CCGCTTCTGTGTTGGGACCCACCAGGCCTTTCACCGTACAACAAACCTCACTCTCCGGGGCCCGGTG
 TGCGCCAGGCTGAACACCACCAACGCCTGGGGCGCAGCTCCTCCTTCCCTGGGGAGCCAGCCCCCTAC
 CGCTCCAGCCTCTCCACCTGGGACCGCAGCAGCTGCCCCAGGATCCTCCACCTCCGGTGCAGTCAGTG
 CCTCCCTCCCCAGCGTCCCTCAAGCAGCCAGGGAGCGTCCCTGCCACTGTGCCATGCAGATGCCAAA
 GCCCAGCAGAGTCCAGCAGGCGCTCGCAGGCATGACGAGTGTTCTGATGTCAGCCATTGGACTCCCTGTG
 TGTCTTAGCCGCGCACCCAGCCACCAGCCCTCCCGCTCCCGTCTGGCTTCCAAAAGTCACGGCTCAG
 TTAAGAGATTGAGGAAAATGTCGTGAAAGGAGCGACCCGAAGCCAGAGCCAGAGCCAGAGCAGGTGAT
 AAAAAACTACACGGAAGAGCTGAAAGTGCCCCAGATGAGGACTGCATCATCTGCATGGAGAAAGCTGTCC
 GCAGCGTCTGGATACAGCGATGTGACTGACAGCAAGGCAATCGGGTCCCTAGCTGTGGGCCACCTCACCA
 AGTGCAGCCATGCCTTCCACCTGCTGTGCCTCCTGGCCATGTACTGCAACGGCAATAAGGATGGAAGTCT
 GCAGTGTCCCTCCTGCAAAACCATCTATGGAGAGAAGACGGGGACCCAGCCCCAGGGAAAGATGGAGGTA
 TTACGGTTCAGATGTCGCTCCCGGCCACGAGGACTGCGGGACCATCCTCATAGTTTACAGCATTCCCC
 ATGGTATCCAGGGCCCTGAGCACCCCAATCCCGAAAGCCGTTCACTGCCAGAGGGTTTCCCGCCAGTG
 CTACCTTCCAGACAACGCCAGGGCCGCAAGGTCTAGAGCTCCTGAAGGTGGCTGGAAGAGGCGGCTC
 ATCTTACAGTGGGCACGTCCAGCACCAGGGTGAGACGGACACCGTGGTATGGAACGAGATCCACCACA
 AGACAGAGATGGACCGCAACATTACGGGCCACGGCTATCCCGACCCCACTACCTGCAGAACGTGCTGGC
 TGAGCTGGCTGCCAGGGGGTGACCGAGGACTGCCTGGAGCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203717 protein sequence
 Red=Cloning site Green=Tags(s)

MAMAPSPSLVQVYTSPAAVAVWEWQDGLGTHWPYSATVCSFIEQQFVQQKGQRFGLGSLAHSIPLGQADP
 SLAPYIIDLPSWTQFRQDTGTMRAVRRHLFPQHSAPGRGVVWEWLSDDGSWTAYEASVCDYLEQQVARGN
 QLVDLAPLGYNYTVNYTHTQTNKTSSFCSRVRQAGPPYPVTIIAPPGHTGVACSCHQCLSGSRTGPV
 SGRYRHSMTNLPAYPVPQHPPHRTASVFGTHQAFAPYNKPSLSGARSAPRLNTTNAWGAAPSLGSQPLY
 RSSLSHLGPQHLPPGSSTSGAVSASLPSGPSSSPGSPATVPMQMPKPSRVQALAGMTSVLMSAIGLPV
 CLSRAPQPTSPPASRLASKSHGSVKRLRKMSVKGATPKPEPEPEQVIKNYTEELKVPPDEDCIICMEKLS
 AASGYSVDVTDKAIGSLAVGHLTKCSHAFHLLCLLAMCNGNKDGSQCPSCCKTIYGEKGTGPQGMKMEV
 LRFQMSLPGHEDCGTILIVYSIPHQIPEHPNPGKPTARGFPQCYLPDQAQGRKVLLELLKVAWKRRLL
 IFTVGTSTTGETDVTVVWNEIHHKTEMDRNTITGHGYDPNLYLQNVLAELAAQGVTEDCLEQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_020892
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F5472
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_020892.1, NP_065943.1</u>
RefSeq Size:	2835 bp
RefSeq ORF:	1869 bp
Locus ID:	113878
UniProt ID:	<u>Q86UW9</u>
Cytogenetics:	7q11.23
MW:	67.2 kDa