

Product datasheet for **RC207744A1V**

Human TXNDC3 (NME8) (NM_016616) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TXNDC3 (NME8) (NM_016616) AAV Particle
Tag:	Myc-DDK
Symbol:	NME8
Synonyms:	CILD6; DNAI8; HEL-S-99; NM23-H8; sptrx-2; SPTRX2; TXNDC3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207744 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAGCAAAAAACGAGAAGTCCAGTTACAGACAGTCATCAATAATCAAAGCCTGTGGGATGAGATGT
 TGCAGAACAAAGGCTTAACAGTGATTGATGTTTACCAAGCCTGGTGTGGACCTTGCAGAGCAATGCAACC
 TTTATTGAGAAAATTGAAAAATGAACTGAACGAAGACGAAATTCGCATTTTGCTGTGCGAGAAGCTGAC
 AACATTGTGACTTTGCAGCCATTTAGAGATAAATGTGAACCTGTTTTCTCTTTAGTGTTAATGGCAAAA
 TTATCGAAAAGATTACAGGTGCAATGCACCGCTTGTTAATAAAAAAGTTATTAATTTGATCGATGAGGA
 GAGAAAAATTGCAGCAGGTGAAATGGCTCGACCTCAGTATCCTGAAATTCATTAGTAGACTCAGATTCA
 GAAGTTAGTGAAGAATCACCATGTGAAGTGTTGAGGAATTATACAGTATTGCTATTATCAAACCGGATG
 CTGTGATTAGTAAAAAGTTCTAGAAATTAAGAAAAAATACCAAAGCTGGATTATTATAGAAGCAGA
 GCATAAGACAGTGCTCACTGAAGAACAAGTTGTCAACTTCTATAGTCGAATAGCAGACCAGCGTGACTTC
 GAAGAGTTTGCTCTTTTATGACAAGTGCGTTAAGCTATATTCTAGTTGTATCTCAAGGAAGTAAACACA
 ATCCTCCCTCTGAAGAAACCGAACACAGACTGACACCGAACCTAACGAACGATCTGAGGATCAACCTGA
 GGTGCAAGCCAGGTTACACCTGGAATGATGAAGAACAAACAGACAGTTTACAAGAATATCTGGAAGA
 CAACATTTAGCTCAGCTCTGTGACATTGAAGAGGATGCAGCTAATGTTGCTAAGTTTCATGGATGCTTCT
 TCCCGGATTTAAAAAATGAAAAGCATGAAATTAGAAAAGACATTGGCATTACTTCGACCAAATCTCTT
 TCATGAAAGGAAAGATGATGTTTTGCGTATTATTAAGATGAAGACTTCAAAATACTGGAGCAAGAGCAA
 GTAGTATTATCGAAAAAAGAAGCACAAGCACTGTGCAAGGAATATGAAATGAAGACTATTTTAATAAAC
 TTATAGAAAACATGACCAGTGGTCCATCTCTAGCCCTGTTTTATTGAGAGACAATGGCTTGAATACTG
 GAAACAATTACTGGGACCAAGAAGCTGTTGAAGAAGCCATTGAATATTTCCAGAGAGTTTATGTGCACAG
 TTTGCGATGGACAGTTTGCCGGTCAACAGTTGTATGGCAGCGATTCTTAGAAACCGCTGAAAGGGAAA
 TACAGCATTTCTTCTCTCTTCAAAGCACTTTAGGCTTGATTAACCTCATGCAACAAGTGAACAAAGAGA
 GCAGATCTCTGAAGATAGTTAAGGAGGCTGGATTGATCTGACACAGGTGAAGAAAATGTTCTTAACCTCT
 GAGCAAACTGAGAAAATTTATCCAAAAGTAACAGGAAAAGACTTTTATAAAGATTTATTGGAAATGTTAT
 CTGTGGGTCCATCTATGGTCATGATTCTGACCAAGTGAATGCTGTTGCAGAATGGAGACGATTGATGGG
 CCCAACAGACCCAGAAGAAGCAAAATTACTTTCCCTGACTCCATCCGAGCCAGTTTGAATAAGTAA
 TTGAAAAACATTGTCCATGGAGCATCTAACGCCTATGAAGCAAAAGAGTTGTTAATAGACTCTTTGAGG
 ATCCTGAGGAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207744 protein sequence
 Red=Cloning site Green=Tags(s)

MASKKREVQLQTVINNQSLWDEMLQNKGLTVIDVYQAWCGPCRAMQPLFRKLKNELNEDEILHFVAEAD
 NIVTLQPFDRKCEPVFLFSVNGKIIIEKIQGANAPLVNKKVINLIDEERKIAAGEMARPYEIPLVSDS
 EVSEESPCESVQELYSIAIIKPDVAVISKVLEIKRKITKAGFIIIEAHKTVL TEEQVVFYSRIADQRDF
 EEFVSFMTSGLSYILVVSQGSKHNPPEETEPQTDTEPNERSEDQPEVEAQVTPGMMKNQDSLQEYLER
 QHLAQLCDIEEADAANVAKFMDAFPDFKKMKSMKLEKTLALLRPNLFHERKDDVLR I IKDEDFKILEQRQ
 VVLSEKEAQLCKEYENEDYFNKLIENMTSGPSLALVLLRDNLQYWKQLLGPRTVEEAIEYFPESLCAQ
 FAMDSLVPVNL YGSDSLETAEREIQHFFPLQSTLGLIKPHATSEQREQILKIVKEAGFDLTQVKMFLTP
 EQTEKIYPKVTGKDFYKDLLEMLSVGPSMVMILTKWNAVAEWRRMLMGPTDPEEAKLLSPDSIRAQFGISK
 LKNIVHGASNAYEAKVYNRLFEDPEEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_016616
ORF Size:	1764 bp
Buffer:	PBS with 0.001% Pluronic F6124
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_016616.2, NP_057700.2</u>
RefSeq Size:	2327 bp
RefSeq ORF:	1767 bp
Locus ID:	51314
UniProt ID:	<u>Q8N427</u>
Cytogenetics:	7p14.1
MW:	67.3 kDa