

Product datasheet for **RC221751A1V**

Human FTSJD1 (CMTR2) (NM_001099642) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FTSJD1 (CMTR2) (NM_001099642) AAV Particle
Tag:	Myc-DDK
Symbol:	CMTR2
Synonyms:	AFT; FTSJD1; HMTr2; MTr2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC221751 representing NM_001099642
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGTAAAGTGCAGAAAGACACCAGTTCAGCAGCTAGCAAGTCCCGCGTCATTACAGCCAGATATTCTTG
 CTGACATTTTTGAACTCTTTGCCAAGAACTTTTCTTATGGCAAGCCACTTAATAATGAGTGGCAGTTACC
 AGATCCCACTGAGATTTTACCTGTGACCACACTGAACTTAATGCATTTCTTGATTTGAAGAAGTCCCTA
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 AAGCGGGGAAAACTCATTTCTCATGTTAGAAAACTGTGAATGCTGAACTTTGACTCAAGCATGGTGAA
 GTTCCATGAGATTTGTGCAGCTTTCCACTTATCCACAGGAAGCTTTTCAAGTGAAGAACTGAATTCT
 CTACACCTTTGTGAAGCTCCAGGAGCTTTATAGCTAGTCTCAACCACTACTTAAATCCCATCGGTTTC
 CTTGTCATTGGAGTTGGGTAGCGAATACTCTGAATCCATACCATGAAGCAATGACGACCTCATGATGAT
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 CAGATGGGAGTTTTGATTGCCAAGGAAACCCAGGTGAACAAGAAGCTTTAGTTTCTTCTTTCATTACTG
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 GAACATTGTTCCATAAACTTGATGTACCTGCTAACTGTTGTTTTGACCAAGTCCATGTTTTCAACCTG
 CTACTAGCAAGGCAGGAACTCCGAAGTCTATGTGTTTGCCTCCACTATAAGGGGAGAGAGGCCATCCA
 TCCTCTGTTATCTAAGATGACCTGAATTTTGGGACTGAAATGAAAAGGAAAGCCCTTTTCCCCATCAT
 GTGATTCCTGATTCTTTTCTTAAGAGACATGAAGAATGTTGTGTGTTCTTTTCAAAATATCAGCTAGAGA
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 GGCTGAAGAACATGGTGATATCATCTGGGCAGAGTTCTATTTTAGAAGGAACAGCTTCCAATCTTGAG
 TGTCACCTTATGGCATATTTTGGAGGGAAAGAACTGCCAAAGGTAAAATGTTCTCCTTTTGAATGGTG
 AAATTTTAAAACTCTTAATGAAGCAATTGAAAAGTCATTAGGAGGAGCTTTTAAATTTGGATTCCAAGTT
 TAGGCCAAAACAGCAGTATTCTGTTCTTGTCTGTTTTTTCTGAAGAACTGATATTTCCGAGTTGTGT
 AGCCTTACTGAGTGCCTTCAGGATGAGCAGTTGTAGTACCCAGCAATCAAATAAAGTGCCTGCTGGTGG
 GCTTTTCGACTCTCCGTAATATCAAAATGCATATACCGTTGGAAGTTCGACTCCTAGAATCAGCTGAACT
 CACAACTTTTAGCTGTTCACTTGCCTCATGATGGAGATCCAACCTACCAGCGTTTTATTTTGGACTGCCTT
 CTACATTCATTGCGGGAGCTTCATACAGGAGATGTTATGATTTTGCCTGTACTTTCTTGCTTCACAAGAT
 TTATGGCTGGTTTGATCTTTGACTCCACAGTTGTTTTAGATTCATCACTTTTGTGTGCCACATCCTC
 TGATCCCCTGAGGACCTGCGCAGTCTGCTATGTGTTGGTTATCAGGACCTTCCAAATCCAGTTTTCCGA
 TATTTGCAGAGTGTGAATGAATTGTTGAGCACTTGTCTCAACTCTGACTACCCCAGCAGGTTTTACAGT
 TTGTGCCAATGGAGGTACTCCTTAAGGGGGCCCTGCTTGATTTTTTGTGGGATTTGAATGCTGCCATTGC
 TAAAAGGCATTTGCATTTCAATTATCAAGAGAGAGAGAAGAAATTATCAACAGCCTTCAGTTACAAAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221751 representing NM_001099642 Red=Cloning site Green=Tags(s) MSKCRKTPVQQLASPAFSPDILADIFELFAKNFSYGKPLNNEWQLPDPSEIFTCDHTELNAFLDLKNSL NEVKNLLSDKKLDEWHEHTAFTNKAGKIISHVRKSVNAELCTQAWCKFHEILCSFPLIPQEAQNGKLS LHLCEAPGAFIASLNHYLKSHRFPCHWSVANTLNPYHEANDLMMIMDDRLIANTLHWWYFGPDNTGDI MTLKFLTGLQNFISSMATVHLVTADGSFDCQGNPGEQALVSSLHYCEVVTALTTLGNNGGSFVLKMFMTF EHCSINLMYLLNCCFDQVHVFKPATSKAGNSEVYVCLHYKGREAIHPLL SKMTLNFGTEMKRKALFPHH VIPDSFLKRHEECCVFFHKYQLETISENIRLFECMGKAEQKLNLRDCAIQYFMQKFQLKHL SRNNWL V KKSSIGCSTNTKWFQQRNKYFKTYNERKMLEALSWKDKVAKGYFNSWAEHGVYHPGQSSILEGTASNLE CHLWHILEGKKLPKVKCSPFCNGEILKTLNEAIEKSLGGAFNLDSKFRPKQQYSCSCHVFSEELIFSELC SLTECLQDEQVVVPSNQIKCLLVGFSTLRNIKMHIPLVRLLESAELTTFSCSLLDGDPPTYQRLFLDCL LHSLRELHTGDMILPVLSCFTRFMAGLIFVLHSCFRITFVCPTSSDPLRTCAVLLCVGYQDLNPNVFR YLQSVNELLSTLLNSDSPQQVLQFVPMEVLLKGALLDFLWDLNAAIAKRHLHFIIQREREIINSLQLQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001099642
ORF Size:	2310 bp
Buffer:	PBS with 0.001% Pluronic F8390
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:	NM_001099642.1
RefSeq Size:	4040 bp
RefSeq ORF:	2313 bp
Locus ID:	55783
UniProt ID:	Q8IYT2
Cytogenetics:	16q22.2
MW:	88.1 kDa