

Product datasheet for **RC212777A1V**

Human CMG1 (IFT74) (NM_001099222) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CMG1 (IFT74) (NM_001099222) AAV Particle
Tag:	Myc-DDK
Symbol:	IFT74
Synonyms:	CCDC2; CMG-1; CMG1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212777 representing NM_001099222
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCAGCAATCACAAATCTTCAGCAGCTCGCCCTGTTTCAAGAGGTGGAGTTGGGTTAACAGGAAGGC
 CTCCTTCTGGGATACGACCCCTATCAGGAAATATTCGAGTGGCAACTGCAATGCCACCTGGGACAGCAAG
 ACCAGGTTCTCGTGGTTGTCCCATAGGGACTGGTGGAGTTCTGTCTTCTCAAATCAAAGTTGCCATCGC
 CCTGTAACACAACAAGGTTTGACTGGAATGAAACTGGGACGAAAGGTCCCCAGAGGCAAATTTAGACA
 AATCTTACTATCTTGGGCTTCTAGAAGTAAAAAAGTGAACCTTCAACTGAAGTTAATAAACTTCAGAA
 GGGAATAGAAATGTACAATCAAGAGAATTCAGTATATTTGTCATATGAAAAGAGGGCTGAGACTTTAGCT
 GTTGAGATAAAAGAGCTTCAAGGACACTAGCAGACTACAACATGTTGGTAGATAAACTTAATACCAACA
 CTGAAATGGAAGAAGTAATGAATGATTACAATATGCTTAAAGCTCAAAATGATCGAGAAACACAAAGTTT
 GGATGTCATATTTACTGAAAGACAAGCGAAAGAAAAACAAATCAGAAGTGTGGAAGAAGAAATTGAACAG
 GAAAAACAAGCAACAGATGACATTATCAAAAATATGTCTTTTGAAAACCAAGTCAAGTACCTAGAGATGA
 AAACCACAAATGAGAACTGTTACAGGAATTAGATACACTTCAACAACAATTGGATTACAGAACATGAA
 AAAAGAGAGCCTGGAAGCAGAAATAGCTCACTCCAGGTGAAACAGGAGCGGTATTGCTGCATGAAAAA
 CTTTATGAGTTGGAGTCCCATCGAGATCAAAATGATTGCAGAAGACAAAAGCATAGGATCTCCAATGGAAG
 AGAGAGAGAAATTACTTAAGCAGATTAAAGATGATAATCAGGAAATAGCCAGCATGGAAGACAGTTAAC
 AGATACAAAAGAAAAGATAAATCAGTTTATTGAAGAAATTAGACAACCTTGACATGGATTTAGAGGAACAC
 CAAGGTGAAATGAACCAGAAATACAAGGAGCTAAAGAAAAGGGAGGAACATATGGACACTTTTATTGAGA
 CTTTGTAGGAAACAAAGAATCAGGAACCTGAAACGAAAGGCACAGATAGAAGCCAACATTGTTGCACTCTT
 GGAGCACTGCAGTCGAAATATAAATCGTATAGAACAGATATCCTCTATCACCAATCAAGAGCTAAAGATG
 ATGCAGGATGACCTCAATTTTAAATCTACTGAAGTGCAGAAATCACAAAGTACAGCTCAGAAATTTGACTT
 CAGACATTCAACGTCTGCAGTTGGATCTGCAGAAAATGGAGCTTCTAGAAAGTAAGATGACTGAAGAACA
 GCATTCTCTAAAAAGCAAAATTAAGCAATGACAACCTGATCTGGAGATATATAATGATTTGCCAGCTTTA
 AAATCATCAGGTGAAGAAAAGATAAAGAAATTACATCAGGAGAGAATGATATTATCAACCCACAGAAATG
 CCTTTAAGAAAATAATGGAGAAGCAAAACATAGAGTATGAGGCACTAAAAACACAATTGCAAGAAAATGA
 GACACATTCTCAGCTTACAAATTTGGAGAGAAAGTGGCAACACCTTGAGCAAAAATAATTTTGCATGAAA
 GAATTCATAGCAACCAAGAGTCAAGAGAGTGATTACCAGCCAATTAAGAAAAATGTGACCAAGCAGATTG
 CAGAGTACAATAAACCATCGTGGATGCTTTACATAGCACCAGCGGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MASNHKSSAARPVSRGGVGLTGRPPSGIRPLSGNIRVATAMPPGTARPGSRGCPIGTGGVLSSQIKVAHR
 PVTQQGLTGKMTGKGPQRQILDKSYLGLLRKISELTTEVNKLQKGIEMYNQENSIVLSYKRAETLA
 VEIKELQQLADYNMLVDKLNTEEMVMDYNMLKAQNDRETQSLDVFIFTERQAKEKQIRSVEEEIEQ
 EKQATDDIKNMSFENQVKYLEMKTTNEKLLQELDTLQQQLDSQNMKESLEAEIAHSQVKQEAIVLLHEK
 LYELESHRDMIAEDKSGSPMEEREKLLKQIKDDNQEIASMERQLTDTKEKINQFIEEIRQLDMDLEEH
 QGEMNQYKELKKREEHMDTFIETFEETKNQELKRKAQIEANIVALLEHCSRNIINRIEQISSITNQELKM
 MQDDLNFKSTEVQKSQSTAQNLTSDIQRLQLDLQKMELLESKMTEEQHSLSKSIKQMTTDLIYNDLPAL
 KSSGEEKIKKLHQERMILSTHRNAFKKIMEKQIEYEALKTQLQENETHSQLTNLERKWQHLEQNNFAMK
 EFIATKSQESDQPIKKNVTKIAEYNTIVDALHSTSGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001099222
ORF Size:	1800 bp
Buffer:	PBS with 0.001% Pluronic F6937
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_001099222.1</u>
RefSeq Size:	2183 bp
RefSeq ORF:	1803 bp
Locus ID:	80173
UniProt ID:	<u>Q96LB3</u>
Cytogenetics:	9p21.2
MW:	69.1 kDa