

Product datasheet for **RC226731A1V**

Human IFT81 (NM_001143779) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IFT81 (NM_001143779) AAV Particle
Tag:	Myc-DDK
Symbol:	IFT81
Synonyms:	CDV-1; CDV-1R; CDV1; CDV1R; DV1; SRTD19
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226731 representing NM_001143779
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGATCAAATTAATTCATTATGGACAGTCTCAATAAGGAGCCCTTTAGGAAGAACTATAATTTAA
 TCACGTTTGATTCCCTGGAGCCAATGCAACTATTACAAGTTCTCAGTGATGTTCTGGCTGAGATTGACCC
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 GAGAAGCATCAGTAAAGAGAAATCAGACCCGTGAATTTGATGGTACTGAAGTTTTAAAGGGAGATGAGTT
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 TCGCTCAAAAATATCAAGAACTGACCCAGGAGTGTGATGAAAAGAAATCCAGTATGATAGCTGTGCAGC
 AGGCCTCGAAAGCAATCGGTCCAAATTAGAACAGGAAGTTAGAAGACTCCGTGAAGAATGTCTTCAAGAA
 GAAAGTAGATACATTATACAAATTGTATGATTAAGAACCTAGAAGTTCAACTTCGTGCTGCTACTGATG
 AGATGAAGGCATATATCTCTTCTGATCAACAAGAAAAAGAAAGGCAATTAGGGAACAGTATACCAAAAA
 TACTGCTGAACAAGAAAACCTTGAAAAGAACTTCGGGAAAAACAAAAGTTATACGAGAAAGTCATGGT
 CCAAAATATGAAACAAGCAAAATGTGGCGTGATTTGGAACAATTAATGGAATGTAAGAAACAGTGCTTTC
 TGAACAACAAAGCCAACTTCCATTGGTCAGGTAATTCAGGAGGGTGGGGAGGACCGGCTAATACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226731 representing NM_001143779 Red=Cloning site Green=Tags(s) MSDQIKFIMDSLNKEPFRKNYNLITFDSLEPMQLLQVLSDVLAIEDPKQLVDIREEMPEQTAKRMLSLLG ILKYKPSGNATDMSTFRQGLVIGSKPVIYPVLHWLLQRTNELKKRAYLARFLIKLEVPSEFLQDETVA NTKQYEELMEAFKTLHKEYEQLKISGFSTAEIRKDISAMEEEKDQLIKRVEHLKKRVETAQNHQWMLKIAR QLRVEKEREYYLAQQKQEKNQLFHAVQRLQRVQNQLKSMRQAAADAKPESLMKRLEEEIKFNLYMVTEK FPKELENKKKELHFLQKVSEPAMGHSDDLLEESKINEINTEINQLIEKKMMRNEPIEGKLSLYRQQASI ISRKKEAKAEELQEAKEKLASLEREASVKNQTRFDGTEVLKGDEFKRYVKNLRSKSTVFKKKHQIIAE LKAIEGGLLQRTTELLKQRHENIQQQLQTMEKKGISGYSYTQEELERSALKSEVDEMKGRLLDDMSEMV KKLYSLVSEKKSALASVIKELRQLRQKYQELTQECDEKKSQYDSCAAGLESNRSKLEQEVRRRLREECLQE ESRYHYTNCMIKNLEVLRRATDEMKAIISSDQEQKRKAIREQYTKNTAEQENLGKKLREKQKVIRESHG PNMKQAKMWRDLEQLMECKKQCFLKQSQTSIGQVIQEGGEDRLIL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001143779
ORF Size:	2028 bp
Buffer:	PBS with 0.001% Pluronic F9172
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_001143779.1</u>
RefSeq Size:	2742 bp
RefSeq ORF:	2031 bp
Locus ID:	28981
UniProt ID:	<u>Q8WYA0</u>
Cytogenetics:	12q24.11
MW:	80.2 kDa