

Product datasheet for **RC204773A1V**

Human CDA08 (ITFG1) (NM_030790) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDA08 (ITFG1) (NM_030790) AAV Particle
Tag:	Myc-DDK
Symbol:	ITFG1
Synonyms:	2310047C21Rik; CDA08; LNKN-1; TIP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204773 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGGCGGGCGGCTCCCGAGCTCCTGGGCCCTCTTCTCGCCGCTCCTCGCAGGGCTTGCACTAC
 TGGGAGTCGGGCGGTCCAGCGCGGGCGCTGCACAACGTCACGGCCGAGCTCTTTGGGGCCGAGGCCTG
 GGGCACCTTCGGCTTCGGGGACCTCAACTCCGACAAGCAGACGGATCTCTTCGTGCTGCGGGAAAGA
 AATGACTTAATCGTCTTTTGGCAGACCAGAATGCACCCTATTTAAACCCAAAGTAAAGGTATCTTTCA
 AGAATCACAGTGCATTGATAACAAGTGTAGTCCCTGGGATTATGATGGAGATTCTCAAATGGATGTCCT
 TCTGACATATCTCCAAAAATTATGCCAAGAGTGAATTAGGAGCTGTTATCTTCTGGGGACAAAATCAA
 ACATTAGATCCTAACAATATGACCATACTCAATAGGACTTTTCAAGATGAGCCACTAATTATGGATTTC
 ATGGTGATCTAATTCCTGATATTTTGGTATCACAATGAATCCAACCAGCCACAGATACTATTAGGAGG
 GAATTTATCATGGCATCCAGCATTGACCACTACAAGTAAATGCGAATTCACATTCTCATGCAATTTATT
 GATCTGACTGAAGATTTTACAGCAGATTATTCTCTGACGACATTGAATGCCACCACTAGTACCTTCCAGT
 TTGAAATATGGAAAAATTTGGATGGAACTTCTCTGTCAGTACTATATTGGAAAAACCTCAAAATATGAT
 GGTGGTTGGACAGTCAGCATTTGCAGACTTTGATGGAGATGGACATGGATCATTTACTGCCAGGCTGT
 GAAGATAAAAAATTGCCAAAGAGTACCATCTACTTAGTGAGATCTGGGATGAAGCAGTGGGTTCCAGTCC
 TACAAGATTTACGAATAAGGGCACACTCTGGGCTTTGTGCCATTTGTGGATGAACAGCAACCAACTGA
 AATACCAATTCGAATACCTTCATATTGGAGACTACAATATGGATGGCTATCCAGACGCTCTGGTCATA
 CTAAGAACACATCTGGAAGCAACCAGCAGGCCTTTTACTGGAGAACGTCCTTGTAATAATGCAAGCT
 GTGAAGAGGCGCGTCGAATGTTTAAAGTCTACTGGGAGCTGACAGACCTAAATCAAATTAAGGATGCCAT
 GGTGGCCACCTTCTTTGACATTTACGAAGATGGAATCTTGGACATTGTAGTGCTAAGTAAAGGATATACA
 AAGAATGATTTTGCCATTCATACACTAAAAATAACTTTGAAGCAGATGCTTATTTTGTAAAGTTATTG
 TTCTTAGTGGTCTGTGTTCTAATGACTGTCTCGTAAGATAACACCCTTTGGAGTGAATCAACCTGGACC
 TTATATCATGTATACACTGTAGATGCAATGGGTATCTGAAAAATGGATCAGCTGGCCAACTCAGCCAA
 TCCGCACATTTAGCTCTCAACTACCATAACCGTCTTGGTTTAGGTCGGAGCGCAATTTTCTTGACC
 ATCTCTACGTTGGTATCCCCGTCCATCTGGAGAAAAATCTATACGAAAAAAGAGTGGACTGCAATCAT
 TCCAAATCCCAGCTAATTGTCATTCCATACCCTACAATGTCCCTCGAAGTTGGAGTGCCAACTGTAT
 CTTACACCAAGTAATATTGTTCTGCTTACTGCTATAGCTCTCATCGGTGTCTGTGTTTTCATCTTGGCAA
 TAATTGGCATTTTACATTGGCAGGAAAAGAAAGCAGATGATAGAGAAAAACGACAAGAAGCCACCGGTT
 TCATTTTGATGCTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204773 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAGRLPSSWALFSPLLAGLALLGVGPVPARALHNVTAELFGAEAWGTAAFGDLNSDKQTDLFVLRER
 NDLIVFLADQNAPYFKPKVKVSFKNHSALITSVVPGDYDQSDQMDVLLTYLPKNYAKSELGAVIFWGQNG
 TLDPNMTILNRTFQDEPLIMDFNGDLIPDIFGITNESNQPIILLGGNLSWHPALTTTSKMRIPHSFAFI
 DLTEDFTADLFLTTLNATTSTFQFEIWENLDGNFSVSTILEKPQNMVVGQSAFADFDDGDHMDHLLPGC
 EDKNCQKSTIYLVRSGMKQWVPVLQDFSNGKTLWGFVPFVDEQQPTEIPIITLHIGDYNMDGYPDALVI
 LKNTSGSNQQAFLLENVPCNNASCEEARRMFKVYWELTDLNQIKDAMVATFFDIYEDGILDIVLSKGYT
 KNDFAIHTLKNFEADAYFVKVIVLSGLCSNDCPRKITPFGVNPQPGPYIMYTTVDANGYLKNGSAGQLSQ
 SAHLALQLPYNVLGLGRSANFLDHLVYGIIPRPSGEKSIRKQEWTAIIPNSQLIVIPYHNVPWSAKLY
 LTPSNIVLLTAIALIGVCVFILAIIGILHWQEKADDREKRQEAHRFHFDAM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_030790
ORF Size:	1836 bp
Buffer:	PBS with 0.001% Pluronic F5601
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_030790.2</u>
RefSeq Size:	2261 bp
RefSeq ORF:	1839 bp
Locus ID:	81533
UniProt ID:	<u>Q8TB96</u>
Cytogenetics:	16q12.1
MW:	68.1 kDa