

Product datasheet for **RC216092A1V**

Human ITK (NM_005546) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ITK (NM_005546) AAV Particle
Tag:	Myc-DDK
Symbol:	ITK
Synonyms:	EMT; LPFS1; LYK; PSCTK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC216092 representing NM_005546
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAACAACCTTTATCCTCCTGGAAGAACAGCTCATCAAGAAATCCCAACAAAAGAGAAGAACTTCTCCCT
 CGAACTTTAAAGTCCGCTTCTTTGTGTTAACCAAGCCAGCCTGGCATACTTTGAAGATCGTCATGGGAA
 GAAGCGCAGCTGAAGGGGTCCATTGAGCTCTCCGAATCAAATGTGTTGAGATTGTGAAAAGTGACATC
 AGCATCCCATGCCACTATAAATACCCGTTTCAGGTGGTGCATGACAACACTACCTCTATATGTGTTTGCTC
 CAGATCGTGAGAGCCGGCAGCGCTGGGTGCTGGCCCTTAAAGAAGAAACGAGGAATAATAACAGTTTGGT
 GCCTAAATATCATCCTAATTTCTGGATGGATGGGAAGTGGAGGTGCTGTTCTCAGCTGGAGAAGCTTGCA
 ACAGGCTGTGCCAATATGATCCAACCAAGAATGCTTCAAAGAAGCCTTCTCTCTACTCCTGAAGACA
 ACAGGCGACCACTTTGGGAACCTGAAGAACTGTGGTCATTGCCTTATATGACTACCAACCAATGATCC
 TCAGGAATCGCACTGCGGCGCAACGAAGAGTACTGCCTGCTGGACAGTTCTGAGATTCAGTGGTGAGA
 GTCCAGGACAGGAATGGGCATGAAGGATATGTACCAAGCAGTTATCTGGTGGAATAATCTCCAAATAATC
 TGGAAACCTATGAGTGGTACAATAAGAGTATCAGCCGAGACAAAGCTGAAAACTTCTTTTGACACAGG
 CAAAGAAGGAGCCTTCATGGTAAGGGATTCCAGGACTGCAGGAACATACACCGTGTCTGTTTTACCAAG
 GCTGTTGTAAGTGAGAACAATCCCTGTATAAAGCATTATCACATCAAGGAAACAAATGACAATCCTAAGC
 GATACTATGTGGCTGAAAAGTATGTGTTTCGATTCCATCCCTCTTCTCATCAATATCACCAACATAATGG
 AGGAGGCTGGTGAAGTACTCGACTCCGGTATCCAGTTTGTGTTGGGAGGCAGAAAGCCCCAGTTACAGCAGG
 CTGAGATACGGGAAATGGGTGATCGACCCCTCAGAGCTCACTTTTGTGCAAGAGATTGGCAGTGGCAAT
 TTGGTTGGTGCATCTGGGCTACTGGCTCAACAAGGACAAGGTGGCTATCAAAACCATTCGGGAAGGGGC
 TATGTGCAAGAGGACTTCATAGAGGAGGCTGAAGTAATGATGAACTCTCTATCCCAAACTGGTGCAG
 CTGTATGGGTGTGCCTGGAGCAGGCCCCATCTGCCTGGTGTGTTGAGTTCATGGAGCACGGCTGCCTGT
 CAGATTATCTACGCACCCAGCGGGGACTTTTGTGTCAGAGACCCTGCTGGGCATGTGTCTGGATGTGTG
 TGAGGGCATGGCTACCTGGAAGAGGCATGTGTCATCCACAGAGACTGGCTGCCAGAAATTGTTTGGT
 GGAGAAAACCAAGTCATCAAGGTGTCTGACTTTGGGATGACAAGGTTCTGTTCTGGATGATCAGTACCA
 GTTCCACAGGCACCAATTCCCGGTGAAGTGGCATCCCAGAGGTTTCTCTTCAGTCGCTATAGCAG
 CAAGTCCGATGTGTGGTCATTTGGTGTCTGATGTGGGAAGTTTTCAGTGAAGGCAAAATCCCGTATGAA
 AACCGAAGCAACTCAGAGGTGGTGAAGACATCAGTACCGGATTCGTTGTACAAGCCCCGGCTGGCCT
 CCACACAGTCTACCAGATTATGAATCACTGCTGGAAAGAGAGACCAGAAGATCGGCCAGCCTTCTCCAG
 ACTGCTGCGTCAACTGGCTGAAATTGCAGAATCAGGACTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216092 representing NM_005546
 Red=Cloning site Green=Tags(s)

MNFI LLEEQLIKSQKRRTPSPNFVKRFVLT KASLAYFEDRHGKKRTLKGSIELSR IKCVEIVKSDI
 SIPCHYKYPFQVVDNYLLYVFA PDRESRQRWLALKEETRNNSLVPKYHPNFWMDGKWRCCSQLEKLA
 TGCAQYDPTKNASKKPLPPTPEDNRRPLWEPEETVVIALYDYQTNDPQELALRRNEEYCLLDSSIEHWWR
 VQDRNGHEGYVPSSYLVEKSPNNLETYEWYNKISRDKAEKLLD TGKEGAFMVRDSRTAGTYTVSVFTK
 AVVSENNPCIKHYHIKETNDNPKRYVVAEKYVFDSIPLLINYHQHNGGLVTRLRYPVCFGRQKAPVTAG
 LRYGKWVIDPSELTFVQEIGSGQFGLVHLGYWLNKDKVAIKTIREGAMSEEDFIEEA EVMMLSHPKLVQ
 LYGVCL EQAPICLVFEFMEHGCLSDYLRTQRLFAAETLLGMCLDVCEGMAYLEEACVIHRDLAARNCLV
 GENQVIKVSDFGMTRFVLDQYTSSTGTFPVK WASPEVFSFSRYSSKSDVWSFGVLMWEVYFSEGIPIYE
 NRSNSEVVEDISTGFRLYKPRLASTHVYQIMNHCWKERPDRPAFSRLLRQLAEIAESGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005546
ORF Size:	1860 bp
Buffer:	PBS with 0.001% Pluronic F7489
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_005546.3</u>
RefSeq Size:	4366 bp
RefSeq ORF:	1863 bp
Locus ID:	3702
UniProt ID:	<u>Q08881</u>
Cytogenetics:	5q33.3
MW:	71.7 kDa