

Product datasheet for **RC213823A1V**

Human TAK1 (MAP3K7) (NM_145332) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TAK1 (MAP3K7) (NM_145332) AAV Particle
Tag:	Myc-DDK
Symbol:	TAK1
Synonyms:	CSCF; FMD2; MEKK7; TAK1; TGF1a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213823 representing NM_145332
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTACAGCCTCTGCCGCCTCCTCCTCCTCGTCTTCGGCCGGTGAGATGATCGAAGCCCCTTCCC
 AGGTCCTCAACTTTGAAGAGATCGACTACAAGGAGATCGAGGTGGAAGAGGTTGTTGGAAGAGGAGCCTT
 TGGAGTTGTTGCAAAGCTAAGTGGAGAGCAAAAGATGTTGCTATTAAACAAATAGAAAGTGAATCTGAG
 AGGAAAGCGTTTATTGTAGAGCTTCGGCAGTTATCCCCTGTGAACCATCCTAATATTGTAAGCTTTATG
 GAGCCTGCTTGAATCCAGTGTGCTTGTGATGGAATATGCTGAAGGGGGCTTTTATATAATGTGCTGCA
 TGGTGTGAACCATGCCATATTATACTGCTGCCACGCAATGAGTTGGTGTTCACAGTGTCCCAAGGA
 GTGGCTTATCTTACAGCATGCAACCCAAAGCGCTAATTCACAGGGACCTGAAACCACCAAACTTACTGC
 TGGTTGCAGGGGGACAGTTCTAAAAATTTGTGATTTTGGTACAGCCTGTGACATTGAGACACATGAC
 CAATAACAAGGGGAGTGTGCTTGGATGGCACCTGAAGTTTTTGAAGGTAGTAATTACAGTGAAAAATGT
 GACGTCTTCAGCTGGGGTATTATTCTTTGGGAAGTGATAACGCGTCGGAACCCCTTTGATGAGATTGGTG
 GCCCAGCTTTCGAATCATGTGGGCTGTTCATAATGGTACTCGACCACCACTGATAAAAAATTTACCTAA
 GCCATTGAGAGCCTGATGACTCGTTGTTGGTCTAAAGATCCTTCCCAGCGCCCTTCAATGGAGGAAATT
 GTGAAAATAATGACTCACTTGATGCGGTACTTTCAGGAGCAGATGAGCCATTACAGTATCCTTGTCACT
 ATTCAGATGAAGGACAGAGCAACTCTGCCACCACTACAGGCTCATTATGGACATTGCTTCTACAAATAC
 GAGTAACAAAAGTGACACTAATATGGAGCAAGTTCTGCCACAAATGATACTATTAAGCGCTTAGAATCA
 AAATTGTTGAAAAATCAGGCAAGCAACAGAGTGAATCTGGACGTTTAAAGCTTGGGAGCCTCCCCTGGGA
 GCAGTGTGGAGAGCTTGCCCCAACCTCTGAGGCAAGAGGATGAGTGTGACATGTCTGAAATAGAAGC
 TAGGATCGCCGCAACCACAGCCTATTCCAAGCCTAAACGGGGCCACCGTAAAACTGCTTCATTTGGCAAC
 ATTCTGGATGTCCCTGAGATCGTCATATCAGGCAACGGACAGCCAAGACGTAGATCCATCCAAGACTTGA
 CTGTAAGTGAACAGAACCTGGTCAGGTGAGCAGTAGGTATCCAGTCCCAGTGTGAGATGATTACTAC
 CTCAGGACCAACCTCAGAAAAGCCAACCTGAAGTCATCCATGGACCCCTGATGATTCCACAGATACCAAT
 GGATCAGATAACTCCATCCCAATGGCTTATCTTACACTGGATCACCAACTACAGGCAAGAACTAGTTGCA
 GAACTGGACAGGA

ACCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEVEEVVGRGAFGVVCKAKWRAKDVAIKQIESESE
 RKAFIVELRQLSRVNHPIVLYGACLNVPCLVMEYAEGGSLYNVLHGAELPYTYAAHAMSWLQCSQG
 VAYLHSMQPKALIHRLKPPNLLL VAGGTVLKICDFGTACDIQTHMTNNKGSAAWMAPEVFEGSNYSEKC
 DVFSWGIIILWEVITRRKPFDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLMTRCWSKDPSQRPMEEI
 VKIMTHLMRYFPGADEPLQYPCQYSDEGQSNSTSGSFMDIASTNTSNKSDTNMEQVPATNDTIKRLES
 KLLKNQAKQSESGRSLGASRGSSVESLPPTSEGKRMSADMSEIEARIAATTAYSKPKRGHRKTASFGN
 ILDPVEIVISGNGQPRRRSIQDLTVTGTEPGQVSSRSSSPSVRMITTSPTSEKPTRSHWPDPDDSTDN
 GSDNSIPMAYLTLDHQLQARTSCRTGPG

TRRLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_145332

ORF Size:

1554 bp

Buffer:	PBS with 0.001% Pluronic F68
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_145332.1</u>
RefSeq Size:	2877 bp
RefSeq ORF:	1557 bp
Locus ID:	6885
UniProt ID:	<u>O43318</u>
Cytogenetics:	6q15
MW:	56.5 kDa