

Product datasheet for **RC204454A1V**

Human TAK1 (MAP3K7) (NM_003188) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TAK1 (MAP3K7) (NM_003188) AAV Particle
Tag:	Myc-DDK
Symbol:	MAP3K7
Synonyms:	CSCF; FMD2; MEKK7; TAK1; TGF1a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204454 representing NM_003188
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTACAGCCTCTGCCGCCTCCTCCTCCTCGTCTTCGGCCGGTGAGATGATCGAAGCCCCTTCCC
 AGGTCCTCAACTTTGAAGAGATCGACTACAAGGAGATCGAGGTGGAAGAGGTTGTTGGAAGAGGAGCCTT
 TGGAGTTGTTTGAAGCTAAGTGGAGAGCAAAAGATGTTGCTATTAAACAAATAGAAAGTGAATCTGAG
 AGGAAAGCGTTTATTGTAGAGCTTCGGCAGTTATCCCGTGTGAACCATCCTAATATTGTAAGCTTTATG
 GAGCCTGCTTGAATCCAGTGTGCTTGTGATGGAATATGCTGAAGGGGGCTTTTATATAATGTGCTGCA
 TGGTGTGAACCATGCCATATTATACTGCTGCCACGCAATGAGTTGGTGTTCACAGTGTCCCAAGGA
 GTGGCTTATCTTACAGCATGCAACCCAAAGCGCTAATTCACAGGGACCTGAAACCACCAAACTTACTGC
 TGGTTGCAGGGGGACAGTTCTAAAAATTTGTGATTTTGGTACAGCCTGTGACATTGAGACACATGAC
 CAATAACAAGGGGAGTGTGCTTGGATGGCACCTGAAGTTTTTGAAGGTAGTAATTACAGTGAAAAATGT
 GACGTCTTCAGCTGGGGTATTATTCTTTGGGAAGTGATAACGCGTCGGAACCCCTTTGATGAGATTGGTG
 GCCCAGCTTTCGAATCATGTGGGCTGTTTCAATGGTACTCGACCACCACTGATAAAAAATTTACCTAA
 GCCCATGAGAGCCTGATGACTCGTTGTTGGTCTAAAGATCCTTCCCAGCGCCCTTCAATGGAGGAAATT
 GTGAAAATAATGACTCACTTGATGCGGTACTTTCAGGAGCAGATGAGCCATTACAGTATCCTTGTGAGT
 ATTCAGATGAAGGACAGAGCAACTCTGCCACCACTACAGGCTCATTATGAGCATTGCTTCTACAATAC
 GAGTAACAAAAGTGACACTAATATGGAGCAAGTTCTGCCACAAATGATACTATTAAGCGCTTAGAATCA
 AAATTGTTGAAAAATCAGGCAAGCAACAGAGTGAATCTGGACGTTTAAAGCTTGGGAGCCTCCCGTGGGA
 GCAGTGTGGAGAGCTTGCCCCAACCTCTGAGGGCAAGAGGATGAGTGTGACATGTCTGAAATAGAAGC
 TAGGATCGCCGCAACCACAGGCAACGGACAGCAAGACGTAGATCCATCCAAGACTTGACTGTAAGTGA
 ACAGAACCTGGTCAGGTGAGCAGTAGGTATCCAGTCCCAGTGTGAGAATGATTACTACCTCAGGACCAA
 CCTCAGAAAAGCAACTCGAAGTCATCCATGGACCCCTGATGATTCCACAGATACCAATGGATCAGATAA
 CTCCATCCCAATGGCTTATCTTACACTGGATCACCACTACAGCCTCTAGCACCCTGCCAACTCCAAA
 GAATCTATGGCAGTGTGTAACAGCATTGTAAATGGCACAAGAATATATGAAAGTTCAAACAGAAATTG
 CATTGTTATTACAGAGAAAGCAAGAACTAGTTGCAGAACTGGACCAGGATGAAAAGGACCAGCAAAATAC
 ATCTCGCCTGGTACAGGAACATAAAAAGCTTTTAGATGAAAACAAAAGCCTTTCTACTTACTACCAGCAA
 TGCAAAAAACAACTAGAGGTATCAGAAGTCAGCAGCAGAAACGACAAGGCACTTCA

ACCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204454 representing NM_003188
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MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEVEEVVGRGAFGVVCKAKWRAKDVAIKQIESESE
 RKAFIVELRQLSRVNHPIVKLYGACLNVPCLVMEYAEGGSLYNVLHGAEPLPYTTAAHMSWCLQCSQG
 VAYLHSMQPKALIHRLKPPNLLLVAAGTVLKIICDFGTACDIQTHMTNNKGSAWMAPEVFEGSNYSEKC
 DVFSWGIILWEVITRRKPFDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLMTRCWSKDPSQRPSMEEI
 VKIMTHLMRYFPGADEPLQYPCQYSDEGQSNSTSTGSFMDIASTNTSNKSDTNMEQVPATNDTIKRLS
 KLLKNQAKQSESGRSLGASRGSSVESLPPTSEGKRMSADMSEIEARIAATTGNGQPRRRSIQDLTVTG
 TEPGQVSSRSSPSVRMITTSPTSEKPTRSHPTPDDSTDNGSDNSIPMAYLTLDHLQPLAPCPNSK
 ESMVFEQHKMAQEYMKVQTEIALLLQRKQELVAELDQDEKQDQNTSRLVQEHKLLDENKSLSTYYQQ
 CKKQLEVIRSQQKRQGT

TRRLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_003188
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F5579
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_003188.2</u>
RefSeq Size:	2912 bp
RefSeq ORF:	1740 bp
Locus ID:	6885
UniProt ID:	<u>O43318</u>
Cytogenetics:	6q15
MW:	64 kDa