

Product datasheet for **RC201075A1V**

Human STAT1 (NM_139266) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human STAT1 (NM_139266) AAV Particle
Tag:	Myc-DDK
Symbol:	STAT1
Synonyms:	CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201075 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCAGTGGTACGAACCTTCAGCAGCTTGACTCAAAATTCCTGGAGCAGGTTACCAGCTTTATGATG
 ACAGTTTTCCCATGGAAATCAGACAGTACCTGGCACAGTGGTTAGAAAAGCAAGACTGGGAGCACGCTGC
 CAATGATGTTTTCATTTGCCACCATCCGTTTTTCATGACCTCCTGTACAGCTGGATGATCAATATAGTCGC
 TTTTCTTTGGAGAATAACTTCTTGCTACAGCATAACATAAGGAAAAGCAAGCGTAATCTTCAGGATAATT
 TTCAGGAAGACCCAATCCAGATGTCTATGATCATTACAGCTGTCTGAAGGAAGAAAGGAAAATTCTGGA
 AAACGCCCAGAGATTTAATCAGGCTCAGTCGGGAATATTAGAGCACAGTGATGTTAGACAAACAGAAA
 GAGCTTGACAGTAAAGTCAGAAATGTGAAGACAAGGTTATGTGTATAGAGCATGAAATCAAGAGCCTGG
 AAGATTTACAAGATGAATATGACTTCAAATGCAAAACCTTGACAACAGAGAACACGAGACCAATGGTGT
 GGCAAAGAGTGATCAGAAACAAGAACAGCTGTTACTCAAGAAGATGTATTTAATGCTTGACAATAAGAGA
 AAGGAAGTAGTTCACAAAATAATAGAGTTGCTGAATGTCACTGAACTTACCCAGAATGCCCTGATTAATG
 ATGAACTAGTGGAGTGAAGCGGAGACAGCAGAGCGCCTGTATTGGGGGGCCGCCCAATGCTTGCTTGA
 TCAGCTGCAGAACTGGTTCATATAGTTGCGGAGAGTCTGCAGCAAGTTCGGCAGCAGCTTAAAAAGTTG
 GAGGAATTGGAACAGAAATACACCTACGAACATGACCCATACAAAAAACAACAGTGTATGGGACC
 GCACCTTCAGTCTTTCCAGCAGCTCATTAGAGCTCGTTTGTGGTGAAGACAGCCCTGCATGCCAAC
 GCACCTCAGAGGCCGCTGGTCTTGAAGACAGGGTCCAGTTCAGTGTGAAGTTGAGACTGTTGGTGAAA
 TTGCAAGAGCTGAATTATAATTTGAAAGTCAAAGTCTTATTTGATAAAGATGTGAATGAGAGAAATACAG
 TAAAAGGATTTAGGAAGTTCAACATTTTGGGCACGCACAAAAAGTGATGAACATGGAGGAGTCCACCAA
 TGGCAGTCTGGCGGCTGAATTTGCGCACCTGCAATTGAAAGAACAGAAAAATGCTGGCACCAGAACGAAT
 GAGGGTCTCTCATCGTTACTGAAGAGCTTCACTCCCTTAGTTTTGAAACCCAATTGTGCCAGCCTGGTT
 TGGTAATTGACCTCGAGACGACCTCTCTGCCGTTGTGGTGATCTCAACGTGAGCCAGCTCCCGAGCGG
 TTGGGCTCCATCCTTTGGTACAACATGCTGGTGGCGGAACCCAGGAATCTGTCCTTCTTCTGACTCCA
 CCATGTGCACGATGGGCTCAGCTTTCAGAAGTGCTGAGTTGGCAGTTTTCTTCTGTACCAAAAAGAGGTC
 TCAATGTGGACCAGCTGAACATGTTGGGAGAGAAGCTTCTTGGTCCTAACGCCAGCCCCGATGGTCTCAT
 TCCGTGGACGAGGTTTTGTAAGGAAAAATAAATGATAAAAAATTTCCCTTCTGGCTTTGGATTGAAAGC
 ATCCTAGAACTCATTAAAAAACCTGCTCCCTCTCTGGAATGATGGGTGCATCATGGGCTTCATCAGCA
 AGGAGCGAGAGCGTGCCCTGTTGAAGGACCAGCAGCCGGGACCTTCCTGCTGCGGTTCACTGAGAGCTC
 CCGGGAAGGGGCCATCACATTCATGGGTGGAGCGGTCCAGAACGGAGGCGAACCTGACTTCCATGCG
 GTTGAACCCTACACGAAGAAAGAACTTTCTGCTGTTACTTTCCCTGACATCATTGCGAATTACAAAGTCA
 TGGCTGCTGAGAATATTCCTGAGAATCCCCTGAAGTATCTGTATCCAAATATTGACAAAGACCATGCCTT
 TGGAAAGTATTACTCCAGGCCAAAGGAAGCACCAGACCAATGGAACCTTGATGGCCCTAAAGGAAGTGA
 TATATCAAGACTGAGTTGATTTCTGTGTCTGAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201075 protein sequence Red=Cloning site Green=Tags(s) MSQWYELQQLDSEFLEQVHQLYDDSFPMERQYLAQWLEKQDWEHAANDVSFATIRFHDLLSQLDDQYSR FSLENNFLLQHNIRKSKRNLDQNFQEDPIQMSMIYISCLKEERKILENAQRFNQAQSGNIQSTVMDKQK ELDSKVRNVKDKVMCIEHEIKSLEDLQDEYDFKCKTLQNRHEHTNGVAKSDQKQEQLLLKKMYLMLDNKR KEVVHKIIELLNVTELTQNALINDELVEWKRRQSSACIGGPPNACLDQLQNWFTIVAESLQQVRQQLKKL EELEQKYTYEHPITKNKQVLWDRTFSLFQQLIQSSFVVERQPCMPHPQRPLVLKTGVQFTVKLRLLVK LQELNLYNLKVKVLFDDVDNERNTVKGFRKFNILGTHTKVMNMEESTNGSLAAEFRHLQLKEQKNAGTRTN EGPLIVTEELHSLSFETQLCQPLVIDLETTSLPVVVISNVSQPLSGWASILWYNMLVAEPRNLSFFLTP PCARWAQLSEVLSWQFSSVTKRGLNVDQLNMLGEKLLGPNASPDGLIPWTRFCKENINDKNFPFWLWIES ILELIKHLPLWNDGCIMGFISKERERALLKDQPGTFLRFSESSREGAITFTWVERSQNGGEPDFHA VEPYTKKELSAVTFPDIIRNYKMAAENIPENPLKYLVPNIDKDHAFGKYSRPKEAPEPEMELDGPKGTG YIKTELISVSEV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_139266
ORF Size:	2136 bp
Buffer:	PBS with 0.001% Pluronic F5159
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_139266.1</u>
RefSeq Size:	2798 bp
RefSeq ORF:	2139 bp
Locus ID:	6772
UniProt ID:	<u>P42224</u>
Cytogenetics:	2q32.2
MW:	83 kDa