

Product datasheet for **RC205678A1V**

Human Stromal interaction molecule 1 (STIM1) (NM_003156) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Stromal interaction molecule 1 (STIM1) (NM_003156) AAV Particle
Tag:	Myc-DDK
Symbol:	STIM1
Synonyms:	D11S4896E; GOK; IMD10; STRMK; TAM; TAM1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205678 representing NM_003156
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATGTATGCGTCCGTCTTGCCCTGTGGCTCCTCTGGGACTCCTCCTGCACCAGGGCCAGAGCCTCA
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 GGAGGACCTGTGAAGGCATGGAAGTCATCAGAAGTATACAATTGGACCGTGGATGAGGTGGTACAGTGG
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 CTGCAGCTGACACATGAGGTGGAGGTGCAATATTACAACATCAAGAAGCAAAATGCTGAGAAGCAGCTGC
 TGGTGGCCAAGGAGGGGCTGAGAAGATAAAAAAGAAGAGAAACACACTCTTTGGCACCTTCACGTGGC
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 GCAGCATTGCGGGAGCGCTGCACCGCTGGCAACAGATCGAGATCCTCTGTGGCTTCAGATTGTCAACA
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 CCCTGCTCACTTCATCATGACTGACGACGTGGATGACATGGATGAGGAGATTGTGTCTCCCTTGCCATG
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 GGGATTTGACCCATTCCGATTCGGAGTCTCCCTCCACATGAGTGACCGCCAGCGTGTGGCCCCAAACC
 TCCTCAGATGAGCCGTGCTGCAGACGAGGCTCTCAATGCCATGACTTCCAATGGCAGCCACCGGCTGATC
 GAGGGGGTCCACCCAGGGTCTCTGGTGGAGAACTGCCTGACAGCCCTGCCCTGGCCAAGAAGGCATTAC
 TGGCGCTGAACCATGGGCTGGACAAGGCCACAGCCTGATGGAGCTGAGCCCCTCAGCCCCACCTGGTGG
 CTCTCCACATTTGGATTCTTCCCGTTCTCACAGCCCCAGCTCCCCAGACCCAGACACACCATCTCCAGTT
 GGGGACAGCCGAGCCCTGCAAGCCAGCCGAAACACACGCATTCCCCACCTGGCTGGCAAGAAGGCTGTGG
 CTGAGGAGGATAATGGCTCTATTGGCGAGGAAACAGACTCCAGCCAGGCCGGAAGAAGTTTCCCTCAA
 AATCTTTAAGAAGCCTCTTAAGAAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205678 representing NM_003156 Red=Cloning site Green=Tags(s) MDVCVRLALWLLWGLLLHQGQSLSHSHSEKATGTSSGANSEESTAAEF CRIDKPLCHSEDEKLSFEAVRN IHKLMDDDANGDVDEESDEFLREDLNYHDPTVKHSTFHGEDKLISVEDLWKAWKSSEVYNWTVDEVVQW LITYVELPQYEETFRKLQLSGHAMPRLAVTNTTMTGTVLKMTDRSHRQKLQLKALDTVLFGPPLLTRHNH LKDFMLVVSIVIGVGGCWFAYIQNRYSKHEMMKMMKDLEGLHRAEQSLHDLQERLHKAQEEHRTVEVEKV HLEKKLRDEINLAKQEAQRLKELREGTENERSRQKYAEEELQVREALRKAKEKELESHSSWYAPEALQKW LQLTHEVEVQYNIKKQNAEKQLLVAKEGAEKIKKKRNTLFGTFHVAHSSSLDDVDHKILTAKQALSEVT AALRERLHRWQQIEILCGFQIVNPNPIHSLVAALNIDPSWMGSTRPNPAHFIMTDDVDDMDEEIVSPLSM QSPSLQSSVRQRLTEPQHGLGSQRDLTHSDSESSLHMSDRQVRAPKPPQMSRAADEALNAMTSNGSHRLI EGVHPGSLVEKLDPSPALAKKALLALNHGLDKAHSMLSPSAPPGGSPHL DSSRSHSPSPDPDTPSPV GDSRALQASRNTRIPHLAGKKAVAEEDNGSIGEETDSSPGRKKFPLKIFKKPLKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003156
ORF Size:	2055 bp
Buffer:	PBS with 0.001% Pluronic F5749
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:	NM_003156.2
RefSeq Size:	4039 bp
RefSeq ORF:	2058 bp
Locus ID:	6786
UniProt ID:	Q13586
Cytogenetics:	11p15.4
MW:	77.42 kDa