

Product datasheet for **RC224102A1V**

Human STIM2 (NM_020860) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human STIM2 (NM_020860) AAV Particle
Tag:	Myc-DDK
Symbol:	STIM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224102 representing NM_020860
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGCAGCCGGGATCAGAGCTCCGGAGGCCCGCGGTGCCGATGGGACCAGGCTGGCGCCCGCGGGA
 GCCCGTGTCTGAGGCGGCGGGGCGGCCGGAGGAGTCGCCGCGCGCGGTGGTGGCGCCTCGCGGAGCCGG
 CGAGCTGCAGGCGGCCGGGGCGCCGCTGCGCTTTCACCCGCTTCTCCTCGGCGCCTTCATCCCGCTCG
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 CCCTATCCAATTGCTGGAGGAGTTGATGACTTAGATGAAGACACACCCCAATAGTGTACAATTTCCCG
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 CAGTTCAGGAAGCCCCAAGTGTGCCAGAATAAGCAGCATCCACATGACCTTTGTCTAATGGAGAGAA
 AAGCAAAAGCCATCAAAAATCAAAAGCCTTTTAAGAAGAAATCTAAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTGAAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence:	>RC224102 representing NM_020860 Red=Cloning site Green=Tags(s) MNAAGIRAPEAAGADGTRLAPGGSPCLRRRGRPEESPAAVVAPRGAGELQAAGAPLRFHPASPRRLHPAS TPGPAWGWLRRRRWAALLVLGLLVAGAADGCELVPRHLRGRRTGSAATAASSPAAAAGDSPALMTDPC MSLSPPCFTEEDRFSLEALQTIHKQMDDDKDGGIEVEESDEFIREDMKYKDATNKHSHLHREDKHITIED LWKRWKTSEVHNWTLDTLQWLIEFVELPQYEKNFRDNNVGTTLPRIAVHEPSFMISQLKISDRSHRQK LQLKALDVVLFGPLTRPPHNWMKDFILTVSIVIGVGGCWFAYTQNKTSKEHVAKMMKDLESQTAEQSLM DLQERLEKAQEENRNVAVEKQNLERKMMDEINYAKEEACRLRELREGAECESRRQYAEQEQVRMALK KAEKEFELRSSWSVPDALQKWLQLTHEVEVQYNNIKRQNAEMQLAIKDEAEKIKKRSTVFGTLHVAHS SSLDEVDHKILEAKKALSELTTCLRERLFRWQQIEKICGFQIAHNSGLPSLTSSLYSDHSWVMPRVSIP PYPIAGGVDDLEDTPPIVSQFPGTMAKPPGSLARSSSLCRSRRSIVPSSQPQRAQLAPHAPHPSHPRH PHHPQHTPHSLPSPDPDILSVSSCPALYRNEEEEEAIYFSAEQWEVDPDTASECDLNSISGRKQSPPLS LEIYQTLSPRKISRDEVSLEDSSRGDSPVTVDVSWGSPDCVGLTETKSMIFSPASKVYNGILEKSCSMNQ LSSGIPVPKPRHTSCSSAGNDSKPVQEAPSVARISSIPHDLCHNGEKSCKKPSKIKSLFKKKSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020860
ORF Size:	2499 bp
Buffer:	PBS with 0.001% Pluronic F8757
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_020860.1
RefSeq Size:	5156 bp
RefSeq ORF:	2241 bp
Locus ID:	57620
UniProt ID:	Q9P246
Cytogenetics:	4p15.2
MW:	82.6 kDa