

Product datasheet for **RC205983A1V**

Human NSF (NM_006178) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NSF (NM_006178) AAV Particle
Tag:	Myc-DDK
Symbol:	NSF
Synonyms:	SEC18; SKD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC205983 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCGGGCCGGAGCATGCAAGCGGCAAGATGTCTACAGATGAATTATCTTTAACCAATTGTGCAGTTG
TGAATGAAAAGGATTTCCAGTCTGGCCAGCATGTGATTGTGAGGACCTCTCCCAATCACAGGTACACATT
TACACTGAAGACACATCCATCGTGGTTCCAGGGAGCATTGCATTTCAGTTTACCTCAGAGAAAATGGGCT
GGGCTTTCTATTGGGCAAGAAATAGAAGTCTCCTTATATACATTTGACAAAGCCAAACAGTGTATTGGCA
CAATGACCATCGAGATTGATTTCTGCAGAAAAAGCATTGACTCCAACCTTATGACACCGACAAGAT
GGCAGCAGAATTTATTCAAGCAATTAACAACCAGGCCCTTCTCAGTGGGACAACAGCTTGTCTTTAGCTTC
AATGAAAAGCTTTTGGCTTACTGGTGAAGGACATTGAAGCCATGGATCCTAGCATCCTGAAGGGAGAGC
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AGCAGAAAATTCGTCACTTAATCTTATTGGCAAAGCTAAAACCAAGGAAAATCGCCAATCAATTATCAAT
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CATTTGCTTCCGAGTATTTCTCCAGAGATTGTGGAGCAGATGGGTTGTAAACATGTTAAAGGCATCCT
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TAGTGCGAGCAGCCAGTCCACTGCTATGAATAGACACATAAAGGCCAGTACTAAAGTGGAGTGGACAT
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AACTTCCCATTCATCAAGATCTGTTCTCCTGATAAAATGATTGGCTTTTCTGAAACAGCCAAATGTCAGG
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ATTGCTTGATTACGTCCCTATTGGCCCTCGATTTTCAAATCTTGATTACAGGCTCTTCTCGTTTACTG
AAAAAGGCACCTCCTCAGGGCCGCAAGCTTCTTATCATTGGGACCACTAGCCGCAAGATGTCCTTCAGG
AGATGGAAATGCTTAACGCTTTTCAAGCACCACCTCCACGTGCCAACATTGCCACAGGAGAGCAGCTGTT
GGAAGCTTTGGAGCTTTTGGCAACTTCAAGGATAAGGAACGCACCACAATTGCACAGCAAGTCAAAGGG
AAGAAGGTCTGGATAGGAATCAAGAAGTTACTAATGCTGATCGAGATGTCCTACAGATGGATCCTGAAT
ACCGTGTGAGAAAATTTTGGCCCTCTTAAGAGAAGAAGGAGCTAGCCCCCTTGATTTTGAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205983 protein sequence Red=Cloning site Green=Tags(s) MAGRSMQAARCPDDELSTNCVVNEKDFQSGQHIVIRTSPNHRYTFTLKTHPSVVPGSIAFSLPQRKWA GLSIGQEIEVSLYTFDKAKQCIGTMTIEIDFLQKKSIDSNPYDTDKMAAEFIQQFNNQAFSVGQQLVFSF NEKLFGLLVKDIEAMDPSILKGEPATGKRQKIEVGLVVGNSQVAFKAENSSLNLIGKAKTKENRQSIIN PDWNFEKMGIGGLDKEFSDIFRRAFASRVFPPEIVEQMGCKHVKGILLYGPPGCGKTLLARQIGKMLNAR EPKVVNGPEILNKYVGESEANIRKLFADAEEEQRRLGANSLHIIIFDEIDAICKQRGSMAGSTGVHDTV VNQLLSKIDGVEQLNNILVIGMTNRPDLIDEALLRPGRLEVKMEIGLPDEKGRLQILHIHTARMRGHQLL SADVDIKELAVETKNFSGAELEGLVRAAQSTAMNRHIKASTKVEVDMEKAESLQVTRGDFLASLENDIKP AFGTNQEDYASYIMNGIIKWGDPVTRVLDDGELLVQQTKNSDRTPLVSVLLEGPPHSGKTALAAKIAEES NFPFIKICSPDKMIGFSETAKCQAMKKIFDDAYKSQLSCVVVDDIERLLDYVPIGPRFSNLVLQALLVLL KKAPPQGRKLLIIGTTSRKDVLQEMEMLNAFSTTIHVPNIATGEQLLEALELLGNFKDKERTTIAQQVKG KKVWIGIKLLMLIEMSLQMDPEYRVKFLALLREEGASPLDFD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006178
ORF Size:	2232 bp
Buffer:	PBS with 0.001% Pluronic F5791
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_006178.1</u>
RefSeq Size:	3995 bp
RefSeq ORF:	2235 bp
Locus ID:	4905
UniProt ID:	<u>P46459</u>
Cytogenetics:	17q21.31
MW:	82.6 kDa