

Product datasheet for **RC204873A1V**

Human Munc18 1 (STXBP1) (NM_001032221) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Munc18 1 (STXBP1) (NM_001032221) AAV Particle
Tag:	Myc-DDK
Symbol:	STXBP1
Synonyms:	DEE4; MUNC18-1; N-Sec1; NSEC1; P67; RBSEC1; unc-18A; UNC18; unc18-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204873 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGC

ATGGCCCCCATTGGCCTCAAAGCTGTTGTCTGGAGAGAAGATTATGCATGATGTGATAAAGAAGGTCAAGA
 AGAAGGGGAATGGAAGGTGCTGGTGGTGGATCAGTTAAGCATGAGGATGCTGTCTCCTGCTGCAAGAT
 GACAGACATCATGACCGAGGGCATAACGATTGTGGAAGATATCAATAAGCGCAGAGAGCCGCTCCCCAGC
 CTGGAGGCTGTGTATCTCATCTCCATCCGAGAAGTCCGTCCACTCTCTCATCAGTGACTTTAAGGACC
 CGCCGACTGCTAAATACCGGGCTGCACACGTCTTCTTCACTGACTCTTGTCCAGATGCCCTGTTTAAATGA
 ACTGGTAAATCCCGAGCAGCCAAAGTCATCAAACTCTGACGGAAATCAATATTGCATTCTCCCGTAT
 GAATCCAGGTCTATTCTTGGACTCTGCTGACTCTTCCAAAGCTTCTACAGTCCCCACAAGGCTCAGA
 TGAAGAATCCTATACTGGAGCGCTGGCAGAGCAGATCGCGACCTTTGTGCCACCTGAAGGATACCC
 GGCTGTGCGGTATCGGGGGAATACAAGGACAATGCCCTGCTGGCTCAGCTAATCCAGGACAAGCTCGAT
 GCCTATAAAGCTGATGATCCAACAATGGGGAGGGCCAGACAAGGCACGCTCCAGCTCCTGATCCTGG
 ATCGAGGCTTTGACCCAGCTCCCTGTGCTCCATGAATTGACTTTTCAGGCTATGAGTTATGATCTGCT
 GCCTATCGAAATGATGTATACAAGTATGAGACCAGCGGCATCGGGGAGGCACGGGTGAAGGAGGTGCTC
 CTGGACGAGGACGACGACCTGTGGATAGCACTGCGCCACAAGCACATCGCAGAGGTGTCCAGGAAGTCA
 CCCGGTCTCTGAAAGATTTTCTTCTAGCAAGAGAATGAATACTGGAGAGAAGACCACCTGCGGGACCT
 GTCCAGATGCTGAAGAAGATGCCTCAGTACCAGAAAGAGCTCAGCAAGTACTCCACCCACCTGCACCTT
 GCTGAGGACTGTATGAAGCATTACCAAGGCACCGTAGACAACTCTGCCGAGTGGAGCAGGACCTGGCCA
 TGGGCACAGATGCTGAGGGAGAGAAGATCAAGGACCTATGCGAGCCATCGTCCCCATTCTGCTGGATGC
 CAATGTGACGACTTATGACAAAATCCGCATCATCCTTCTCTACATCTTTTGAAGAATGGCATCACGGAG
 GAAAACCTGAACAACTGATCCAGCACGCCAGATACCCCGAGGATAGTGAGATCATACCAACATGG
 CTCACCTCGGCGTGCCCATCGTCACCGATTCCACGCTGCGTGGCGGAGCAAGCCGAGCGGAAGGAACG
 CATCAGCGAGCAGACCTACCAGCTCTCACGGTGGACTCCGATTATCAAGGACATCATGGAGGACACTATT
 GAGGACAACTTGACACCAAACTACCCTTATATCTCTACCCGTTCTCTGCCTCCTTCAGCACCAACCG
 CCGTCAGCGCCCGCTATGGGCACTGGCATAAGAACAAGGCCCGAGCGAGTACCGCAGTGGCCCCCGCT
 CATCATTTTCATCTTGGGGTGTGAGCCTGAATGAGATGCGCTGCGCCTACGAGGTGACCCAGGCCAAC
 GGAAAGTGGGAGGTGCTGATAGGATCCACACATCCTCACCCACAGAACTGCTGGACACACTGAAGA
 AACTGAATAAAACAGATGAAGAAATAAGCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204873 protein sequence
 Red=Cloning site Green=Tags(s)

MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCKMTDIMTEGITIVEDINKRREPLPS
 LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRAAKVIKTLTEINIAFLPY
 ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD
 AYKADDPTMGEGPDKARSQLLILDRGFDPPSPVLHELTFQAMSYDLLPIENDVYKETSIGIEARVKEVL
 LDEDDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTHLHL
 AEDCMKHYQGTVDKLCRVEQDLAMGTDAGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNIGTE
 ENLNKLIQHAQIPPEDSEIITNMAHLGVPIVTDSTLRRRSKPERKERISEQTYQLSRWTPPIKDIMEDI
 EDKLDTKHYPYISTRSSASFSTAVSARYGHWKKNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN
 GKWEVLIGSTHILTPQKLLDTLKKLNKTDEEISS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001032221
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F5615
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_001032221.1</u>
RefSeq Size:	3850 bp
RefSeq ORF:	1785 bp
Locus ID:	6812
UniProt ID:	<u>P61764</u>
Cytogenetics:	9q34.11
MW:	67.6 kDa