

Product datasheet for **MR208536A1V**

Mouse Stxbp4 (BC032881) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Stxbp4 (BC032881) AAV Particle
Tag:	Myc-DDK
Symbol:	Stxbp4
Synonyms:	6030470M02Rik; Synip
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208536 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGTGATGGTACAGCTTCTGCCCATCATCCAGCCCACTTGACAGGGATCCTGCCTTTCGGGTGATTA
 CAGTTACTAAGGAAACAGGTCTAGGTCTGAAGATCCTAGCGGAATTAACAGGAATGAAGGACCGCTGGT
 GTATATTCACGAAGTCATTCTGGAGGTGACTGTTACAAGGATGGACGTTTGAAGCCAGGAGATCAACTT
 GTCTCAATAAACAAGGAATCTATGATTGGTGTATCATTGAAGAAGCAAAAAGCATAATTACCAGAGCCA
 AGTTGAGGTGAGAATCTCCCTGGGAGATAGCATTATCAGACAAAAGTCTTACTGTGGCCATCCAGGAAA
 TATTTGCTGTCCATCCCACAAGTGTGAGAAGCTGTGGACCTCAAACCTCAACATTTACTCTTCTTTCC
 TCTCCCTCTGAAACACTACTTCAAAGACTTCATCCACTCCCAGACTCAGGACTCCACTTTCCTTCTT
 GTAAAGCAATTCAGACAAAACCTGAACACGATAAAACAGAACATAGTCCAATTACTTCTTTGGACAACAG
 CCCTGCAGATACATCTAATGCAGACATTGCTCCAGCCTGGACTGATGATTCTGGACCACAAGGAAAG
 ATTTCCCTAAATCCTTCTGTTCCCTTAAGGCAGAGAACTGGAAATGGCTCTCAATTACCTCGGTATAC
 AGCCAACAAGGAACAACGTGAAGCCCTGAGAGAGCAAGTCCAGGCCGACTCAAAGGGGACTGTGTCTTT
 TGGAGATTTCTGCAGGTTGCCAGAAGTTGTTTTGCTTGAGTTGGATGAAGTAAATGTTGGTGTCCAT
 GAAATCCCAGCATCTTAGACTCACAGCTTCTCCCTGTGATTCTCTAGAAGCAGATGAAGTGGGAAAAC
 TTAGACAAGAAAGAACGCTGCTCTAGAGGAACGGAATGTGCTTAAGGAGAAGTTACTGGAATCAGAAAA
 GCACAGGAAACAATTGATAGAAGAACTCCAGAATGTGAAGCAGGAAGCCAAAGCTGTAGCTGAGGAAACC
 CGAGCTCTCGAAGCCGATTCTCTCGAGAAGCTGCACAGCGCAGGCACACGGGATGGAATGGATT
 ATGAAGAGGTGATCCGCTCTGCTAGAGGCTGAGGTCTCAGAACTAAAGGCTCAGCTCGCTGATTATTCTGA
 CAAAATAAAGAAAGTGTCCAGGACTTGAGAAAAAGAGTCACCGTTCTTGACTGCCAATTGCGAAAAATCA
 GAAATGGCTCGGAAAGCATTCAAGGCGTCCACTGAAAGGCTCCTTGTTTCATAGAGGCTATTCAAGAAG
 TTCTTTTGATAGTTCTGCTCCTTTATCAACTTTAAGTGAAGAAGAGCTGTGCTCGCATCTCAGACTTC
 GCTTCCACTGCTGGCAAGGAACGGACGAGCTTCCAGCAACCCTGCTTCTGGAATCCAAGGAGCTTGTC
 AGATCTGTCCGTGCCATACTTGATATGGACTGTAAGTTATCATTATCATCTTCTTCTCTCTCTCTCTCT
 CCTCTCTCTCTCTCTCTCTCTTCTTCTTGAATTTATTAACAAAGCAGAAGAAAGACCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208536 protein sequence
 Red=Cloning site Green=Tags(s)

MSDGTASARSSSPLDRDPAFRVITVTKETGLGLKILGGINRNEGPLVYIHEVIPGGDCYKDGRLKPGDQL
 VSINKESMIGVSFEEAKSIITRAKLRSSESPWEIAFIRQKSYCGHPGNICCPSPQVSEDCGPQTSTFTLLS
 SPSETLLPKTSSTPQTQDSTFPCKAIQTKPEHDKTEHSPITSLDNSPADTSNADIAPAWTDDSGPQGGK
 ISLNPSVRLKAEKLEMALNYLGIQPTKEQREALREQVQADSKGTVSFGDFVQVARSLFCLQLDEVNVGVH
 EIPSIILDSQLPCDSLEADEVGKLRQERNAALEERNVLKEKLLSEKHRLQIEELQNVKQEAQAVAEET
 RALRSRIHLAEAAQRQAAGMEMDYEEVIRLLEAEVSELKAQLADYSDQNKESVQDLRKRVTLDCQLRKS
 EMARKAFKASTERLLGFIEAIQEVLLDSSAPLSTLSERRAVLASQTSPLLLARNGRSFPATLLLESKELV
 RSVRAILDMCKLSLSSSSPSSSSSFSSSSCNLLNKAERP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

BC032881

ORF Size:

1600 bp

Buffer:	PBS with 0.001% Pluronic F68
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>BC032881</u> , <u>AAH32881</u>
RefSeq Size:	1807 bp
RefSeq ORF:	1601 bp
Locus ID:	20913
Cytogenetics:	11 D
MW:	58.6 kDa