

Product datasheet for **RC227881A1V**

Human SH2B1 (NM_001145795) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SH2B1 (NM_001145795) AAV Particle
Tag:	Myc-DDK
Symbol:	SH2B1
Synonyms:	PSM; SH2B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC227881 representing NM_001145795
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATGGTGCCCTTCCCCAGAGGACGGGGCCTCCCCCTCGTCTCCCCCGCTGCCCCACCCCCGCCCC
CTAGTTGGCGGGAGTTCTGTGAGTCCCACGCCCGGGCTGCGGCTCTGGACTTTGCCCGCGTTTTTCGCCT
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CTCTTCTGCAGCACTTTGAAGCCGAGGTGGCCGGGCTCTGGCTCCCTGTGCGCACCCATCTGGCTC
CCCTGAGCCCTGGTGGGAGATTTGCCACATGACCTGTCCCTTGAGAGCTGCAGGGTGGTGGGCCCT
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TCTACAACCTCTCAAGCCGAAGCTCAAGAAGCGTTTTCCCTGCGTTCAGTGGGTGCTCTGTCCGAG
GCTCAGTCCGTGGCATCTGCAGTGGCGGGGACCGTTGACCTCCCTCCTCCGCTGGGCCCTGGAGAC
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CGGGGTGAATACGTCTCACCTTCAACTTCCAGGGCAAGGCCAAGCACCTGCGTTTGTGCTGAACGAGG
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CAGCAGGAACCGACCTCCCATGACCCACCCAGCCCCCTGAACCCCTTCATGGACAGATCCCCAC
AGCCTGGGGCAGAAGAGGCGTCGAGGGCGCCAGAAGTGGCGGCAGCAGAGCCGAGCAGCCAAAGAGAG
GCAAGAGAAAGAGAAAGCGGGCGGTGGAGGGTCCCGGAAGAGCTGGTCCCCGTGGTTGAGCTGGTCCCC
GTGGTTGAATTGGAAGAGGCCATAGCCCCAGGCTCAGAGGCCAGGGCGCTGGGTCTGGTGGGGACGCGG
GGTGCCCCCAATGGTGCAGCTGCAGCAGTCACCACTAGGGGGTATGGAGAGGAAGGGGGCCACCCAG
GGCCATTAACAACCACTACTCCTTCGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC227881 representing NM_001145795 Red=Cloning site Green=Tags(s) MNGAPSPEDGASPPSPPLPPPPPSWREFCESHARAAALDFARRFRLYLASHPQYAGPGAEEAFSRRFAE LFLQHFEAEVARASGSLSPILAPLSPGAEISPHDLSESCRVGGLAVLGPSRSEDLAGPLSSVSSS STTSSKPKLKKRFSLRVSVGRSVRGSVRGILQWRGTVDPPSSAGPLETSSGPPVLGGNSNSNSGGAGTVG RGLVSDGTSPGERWTHRFERLRLSRGGGALKDGAGMVQREELLFMGAEEAAPDPAGVGRGGGVAGPPSG GGGQPQWQKCRLLLRSEGEAGGGSRLEFFVPPKASRPRLSIPCSSITDVRTTTALEMPDRENTFVVKVEG PSEYIMETVDAQHVKAWSYDIQECLSPGPCPATSPRPMTLPLAPGTSFLTRENTDSLELSCLNHSESLPS QDLLLLGPSESNDRLSQGAYGGLSDRPSASISPSASIAASHFDSMELLPELPPRIPIIEEGPPTGTVHPL SAPYPPLDTPETATGSFLFQGEPEGGEDQPLSGYPWFHGMLSRLKAAQLVLGGTGSFGVFLVRQSETR RGEYVLTFNFQGKAKHLRLSLNEEGQCRVQHLWFQSIQDMLEHFRVHPIPLESGGSSDVVLVSYPSSQR QQEPTTSHDPPQPPEPPSWTDPQPGAEASRAPEVAAAAAAKERQEKEKAGGGGVPEELVPVVELVP VVELEEAIPGSEAQAGSGGDAGVPPMVQLQQSPLGGDGEEGGHPRAINNQYSFV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001145795
ORF Size:	2268 bp
Buffer:	PBS with 0.001% Pluronic F9374
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_001145795.1, NP_001139267.1</u>
RefSeq ORF:	2271 bp
Locus ID:	25970
UniProt ID:	<u>Q9NRF2</u>
Cytogenetics:	16p11.2
MW:	79.2 kDa