

Product datasheet for **RC202108A1V**

Human Selenium Binding Protein 1 (SELENBP1) (NM_003944) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Selenium Binding Protein 1 (SELENBP1) (NM_003944) AAV Particle
Tag:	Myc-DDK
Symbol:	Selenium Binding Protein 1
Synonyms:	EHMTO; HEL-S-134P; hSBP; LPSB; MTO; SBP56; SP56
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202108 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCTACGAAATGTGGGAATTGTGGACCCGGCTACTCCACCCCTCTGGAGGCCATGAAAGGACCCAGGG
 AAGAGATCGTCTACCTGCCCTGCATTTACCGAAACACAGGCACTGAGGCCCCAGATTATCTGGCCACTGT
 GGATGTTGACCCCAAGTCTCCCAAGTATTGCCAGGTATCCACCGGCTGCCCATGCCCAACCTGAAGGAC
 GAGCTGCATCACTCAGGATGGAACACCTGCAGCAGCTGCTTCGGTGATAGCACCAAGTCGCGACCAAGC
 TGGTGTGCTCCCAAGTCTCATCTCCTCTCGCATCTATGTGGTGGACGTGGGCTCTGAGCCCCGGGCCCAAA
 GCTGCACAAGGTCAATTGAGCCCAAGGACATCCATGCCAAGTGCGAAGTGGCCTTTCTCCACACGACCCAC
 TGCCTGGCCAGCGGGGAAGTGATGATCAGCTCCCTGGGAGACGTCAAGGGCAATGGCAAAGGGGTTTTG
 TGCTGTGGATGGGAGACGTTGAGGTGAAGGGGACATGGGAGAGACCTGGGGGTGCTGCACCGTTGGG
 CTATGACTTCTGGTACCAGCCTCGACACAATGTCATGATCAGCACTGAGTGGGCAGCTCCCAATGTCTTA
 CGAGATGGCTTCAACCCCGCTGATGTGGAGGCTGGACTGTACGGGAGCCACTTATATGTATGGGACTGGC
 AGCGCCATGAGATTGTGCAGACCCTGTCTCTAAAAGATGGGCTTATCCCTTGGAGATCCGCTTCTGCA
 CAACCCAGACGCTGCCCAAGGCTTTGTGGGCTGCGCACTCAGCTCCACCATCCAGCGCTTCTACAAGAAC
 GAGGGAGGTACATGGTCAGTGGAGAAGGTGATCCAGGTGCCCCCAAGAAAGTGAAGGGCTGGCTGCTGC
 CCGAAATGCCAGGCTGATCACCAGACATCCTGCTCTCCCTGGACGACCGCTTCTCTACTTCAGCAACTG
 GCTGCATGGGGACCTGAGGCAGTATGACATCTTGACCCACAGAGACCCCGCCTCACAGGACAGCTCTTC
 CTCGGAGGCAGCATTGTTAAGGGAGGCCCTGTGCAAGTGTGGAGGACGAGGAACTAAAGTCCCAGCCAG
 AGCCCCTAGTGGTCAAGGGAAAACGGGTGGCTGGAGGCCCTCAGATGATCCAGCTCAGCTGGATGGGAA
 GCGCCTCTACATCACCACGTGCTGTACAGTGCCTGGGACAAGCAGTTTACCCTGATCTCATCAGGGAA
 GGCTCTGTGATGCTGCAGGTTGATGTAGACACAGTAAAAGGAGGGCTGAAGTTGAACCCCAACTTCTGG
 TGGACTTCGGGAAGGAGCCCTTGGCCAGCCCTTGCCCATGAGCTCCGCTACCCTGGGGCGATTGTAG
 CTCTGACATCTGGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202108 protein sequence
 Red=Cloning site Green=Tags(s)

MATKCGNCGPYSTPLEAMKGPREEIVYLPICIRNTGTEAPDYLATVDVDPKSPQYQVHRLPMPNLKD
 ELHHSWNTESSCFGDSTKSRKLVLPSLISSRIYVVDVGSEPRAPKLHKVIEPKDIHAKCELAFLHTSH
 CLASGEVMISLGDVKNGKGGFVLLDGETFEVKGWTERPGGAAPLGYDFWYQPRHNMISTEWAAPNVL
 RDGFNPADVEAGLYGSHLYVWDWQRHEIVQTLSLKDGLIPLEIRFLHNPDAAQGFVGCALSSITQRFYKN
 EGGTWSVEKVIQVPPKKVKGWLLPEMPGLITDILLSLDDRFLYFSNWLHGDRLRQYDISDPQRPRLTGQLF
 LGGSIYKGGPVQVLEDEELKSQPEPLVVGKRVAGGPQMIQLSLDGKRLYITTSLYSAWDKQFYPDIRE
 GSVMLQVDVDTYKGLKLNPNFLVDFGKEPLGPALAHELRYPGGDCSSDIWI

TRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003944

ORF Size:

1416 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>NM_003944.2</u>
RefSeq Size:	1768 bp
RefSeq ORF:	1419 bp
Locus ID:	8991
UniProt ID:	<u>Q13228</u>
Cytogenetics:	1q21.3
MW:	52.4 kDa