

Product datasheet for **RC222901A1V**

Human Bone Sialoprotein (IBSP) (NM_004967) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Bone Sialoprotein (IBSP) (NM_004967) AAV Particle
Tag:	Myc-DDK
Symbol:	Bone Sialoprotein
Synonyms:	BNSP; BSP; BSP-II; SP-II
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC222901 representing NM_004967. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAGACTGCTTTAATTTTGCTCAGCATTTTGGGAATGGCCTGTGCTTTCTCAATGAAAAATTTGCAT
CGAAGAGTCAAAATAGAGGATTCTGAAGAAAAATGGGGTCTTTAAGTACAGGCCACGATATTATCTTTAC
AAGCATGCCTACTTTTATCCTCATTTAAACGATTTCCAGTTCAGGGCAGTAGTGACTCATCCGAAGAA
AATGGAGATGACAGTTCAGAAGAGGAGGAGGAAGAAGAGGAGACTTCAAATGAAGGAGAAAAACAATGAA
GAATCGAATGAAGATGAAGACTCTGAGGCTGAGAATACCACACTTTCTGCTACAACACTGGGCTATGGA
GAGGACGCCACGCCTGGCACAGGGTATACAGGGTTAGCTGCAATCCAGCTTCCCAAGAAGGCTGGGGAT
ATAACAAATAAAGCTACAAAAGAGAAGGAAAGTGATGAAGAAGAAGAGGAGGAAGAGGAAGGAAATGAA
AACGAAGAAAGCGAAGCAGAAGTGATGAAAACGAACAAGGCATAAACGGCACCACTACCAACAGCACA
GAGGCAGAAAACGGCAACGGCAGCAGCGGAGGAGACAATGGAGAAGAAGGGGAAGAAGAAAGTGTCCT
GGAGCCAATGCAGAAGACACCACAGAGACCGGAAGGCAGGGCAAGGGCACCTCGAAGACAACAACCTCT
CCAAATGGTGGGTTTGAACCTACAACCCACCACAAGTCTATAGAACCACTTCCACCTTTTGGGAAA
ACCACCACCGTTGAATACGAGGGGGAGTACGAATACACGGGCGCCAATGAATACGACAATGGATATGAA
ATCTATGAAAGTGAGAACGGGGAACCTCGTGGGACAATTACCGAGCCTATGAAGATGAGTACAGCTAC
TTTAAAGGACAAGGCTACGATGGCTATGATGGTCAGAATTACTACCACCACAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC



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Protein Sequence:	>Peptide sequence encoded by RC222901 Blue=ORF Red=Cloning site Green=Tag(s) MKTALILLILGMACAFSMKNLHRRVKIEDSEENGVFYKYPRIYLYKHAYFYPHLKRFPVQGSSDSSEE NGDSSSEEEEEETSNENENNEESNEDEDESEANTTLLSATTLLGYGEDATPGTGYTGLAAIQLPKKAGD ITNKATKEKESDEEEEEEEGNENEESEAEVDENEQINGTSTNSTEAENGNGSSGGDNGEEGEEESVT GANAEDTTETGRQKGTSKTTTSPNGGFETTPPQVYRTTSPPFKTTTVEYEGEYETGANEYDNGYE IYESENGEPGRDNYRAYEDEYSYFKGGQYDGYDGQNYHHQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004967
ORF Size:	951 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:	NM_004967.2
RefSeq Size:	1108 bp
RefSeq ORF:	954 bp
Locus ID:	3381
UniProt ID:	P21815
Cytogenetics:	4q22.1
MW:	35.1 kDa