

Product datasheet for **RC200743A1V**

Human **ESS2 (NM_022719)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ESS2
Synonyms:	bisl; DGCR13; DGCR14; DGS-H; DGS-I; DGSH; DGSI; ES2; Es2el; ESS-2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200743 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGACGCCGGGCGCATCAGCGTCGTCTTGTGCTTCCCGCCGCTCCAGGCCCGGAGGAAGCGCG
 AGGCGGGAGAGGCTGGGGCTGCGACGAGCAAGCAGCGGCTCTGGACGAGGAAGAGTATATCGAGGGCCT
 CCAGACGGTCATCCAAAGGGATTTCTTCTCTGATGTGGAGAAGCTCCAGGCACAGAAGGAGTACCTGGAA
 GCCGAGGAGAATGGAGACTTGAACGGATGCGCCAGATTGCCATCAAGTTTGGCTCTGCCTTGGGCAAGA
 TGTCCCGGGAGCCCCGCCACCCTATGTGACTCCAGCCACATTTGAAACCCCTGAGGTGCATGCAGGCAC
 TGGAGTGGTGGGCAACAAGCCAGGCCCGCGCCGAGGCCCTGGAGGATGGAGAGGCTGGAGAGGAGGAG
 GAGAAGGAGCCGCTGCCAGCCTAGATGTCTTCTGAGCCGCTACACGAGTGAGGACAATGCCTCCTTCC
 AGGAGATCATGGAGGTGGCCAAGGAGAGAAGCCGGGCACGCCACGCTTGGCTCTACCAGGCTGAGGAAGA
 GTTTGAGAAGAGGCAGAAAGATAATCTCGAACTCCCGTCAGCAGAGCACCAGGCCATCGAGAGCAGCCAG
 GCCAGTGTGGAGACTTGAAGTACAAGGCCAAGAATTCCTCATGTACTATCCAGAGGGTGTCCCTGACG
 AGGAGCAGCTGTTTAAGAAGCCCCGGCAGGTGGTACATAAGAACACGCGCTTCTTAGGGACCCCTTCAG
 CCAAGCCCTGAGCAGGTGCCAGCTCCAGCAGGCAGCCGCCCTCAATGCCAGCACAACAGGGCAAGGTG
 GGCCCCGATGGCAAGGAGCTGATCCCCAGGAGTCCCTCGAGTGGGTGGATTGGATTGTTGCCACTC
 CTTCCCTGCCCCCTGGTGTGAACGAGTCCCGATGATGACCTGGGGGGAGGTTGAGAACACACCCTTGAG
 AGTTGAAGGGTCGAAACGCCCTACGTGGACAGGACACCCGGCCAGCTTTTAAGATCCTGGAGCCAGGC
 CGCAGGGAGCGGCTGGGTCTGAAGATGGCCAACGAGGCCGCTGCCAAGAACGGGGCAAGAAGCAGGAAG
 CCTTGGGAGAGTGACGGAGAATCTGGCCAGCCTACCCCCAAAGGCCCTGAGCCAGCCATGTCGCCAGC
 CCTACAGCGCCTTGTGAGCAGGACGGCCAGCAAGTACACAGACCGGGCCCTGCGGGCCAGCTACACACCA
 TCCCCAGCAGCTCCACCCACCTCAAGACCCCGGCCAGTGGGCTGCAGACCCCAAGCACACCGGCGC
 CTGGCTCTGCCACACGCACCCCTCTCACACAGGACCCGGCCTCCATCACGGACAACCTGTGTCAGCTCCC
 TGCCCCGGCCAAAGCTTCGACTTCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200743 protein sequence
 Red=Cloning site Green=Tags(s)

METPGASASSLLLPAASRPPRKREAGEAGAATSKQRVLDDEEYIEGLQTVIQRDFFPDVEKLQAQKEYLE
 AEENGDLERMRQIAIKFGSALGKMSREPPPYVTPATFETPEVHAGTGTVGNKPRPRGRGLEDGEAGEEE
 EKEPLPSLDVFLSRYTSEDNASFQEIMEVAKERSRARHAWLYQAEFEKQKDNLELPSAEHQAISSQ
 ASVETWKYKAKNSLMYYPEGVPDEEQLFKKPRQVVHKNTRFLRDPFSQALSRCQLQQAALNAQHKQGV
 GPDGKELIPQESPRVGGFVATPSPAPGVNESPMMTWGEVENTPLRVEGSETPYVDRTPGPAFKILEPG
 RRERLGLKMANEAAAKNRKKQEALRRVTENLASLTPKGLSPAMSPALQRLVSRTASKYTDRLRASYP
 SPARSTHLKTPASGLQTPSTPAPGSATRPLTQDPASITDNLQLPARRKASDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_022719

ORF Size: 1428 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_022719.2
RefSeq Size:	5405 bp
RefSeq ORF:	1431 bp
Locus ID:	8220
UniProt ID:	Q96DF8
Cytogenetics:	22q11.2
MW:	52.6 kDa