

Product datasheet for **RC220884A1V**

Human **Esa1 (FLOT2) (NM_004475) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human Esa1 (FLOT2) (NM_004475) AAV Particle
Tag:	Myc-DDK
Symbol:	Esa1
Synonyms:	ECS-1; ECS1; ESA; ESA1; M17S1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220884 representing NM_004475 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCAATTGCCACACGGTGGGGCCCAACGAGGCGCTGGTGGTTTCAGGGGGCTGTTGTGGTCCGACT
ATAAACAGTACGTGTTTGGCGGCTGGGCTGGGCTGGTGGTGTATCTCCGACACTCAGAGGATTTCCCT
AGAGATTATGACGTTGCAGCCCCGCTGCGAGGACGTAGAGACGGCCGAGGGGTAGCTTTAACTGTGACG
GGTGTGCGCCAGGTGAAGATCATGACGGAGAAGAACTCCTGGCCGTGGCTTGTGAGCAGTTTCTGGGTA
AGAATGTGCAGGACATCAAAAACGTCTCTGCAGACCCTGGAGGGACATCTGCGCTCCATCCTCGGGAC
CCTGACAGTGGAGCAGATTTATCAGGACCGGGACCAGTTTGCCAAGCTGGTGCGGGAGGTGGCAGCCCCT
GATGTTGGCCGATGGGCATTGAGATCCTCAGCTTACCATCAAGGACGTGTATGACAAAAGTGGACTATC
TGAGCTCCCTGGCAAGACGCAGACTGCCGTGGTGCAGAGAGATGCTGACATTGGCGTGGCCGAGGCTGA
ACGGGACGCAGGCATCCGGGAAGCTGAGTGCAAGAAGGAGATGCTGGATGTGAAGTTCATGGCAGACACC
AAGATTGCTGACTCTAAGCGAGCCTTCGAGCTGCAAAAAGTCAGCCTTCAGTGAGGAGGTTAACATCAAGA
CAGCTGAGGCCAGTTGGCCTATGAGCTGCAGGGGCCCGTGAACAGCAGAAGATCCGGCAGGAAGAGAT
TGAGATTGAGGTTGTGCAGCGCAAGAAACAGATTGCCGTGGAGGCACAGGAGATCCTGCGTACGGACAAG
GAGCTCATCGCTACAGTGCGCCGCTGCCGAGGCCGAGGCCACCGCATCCAGCAGATTGCCGAGGGTG
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GGCAGTCATCGAGGCGATGGGCAAGGCAGAGGCTGAGCGGATGAAGCTCAAGGCAGAAGCCTACCAAGAA
TACGGGGATGCAGCAAGATGGCCTTGGTGCTAGAGGCCCTGCCCCAGATTGCTGCCAAAATCGCTGCC
CACTTACCAAGGTCGATGAGATTGTGGTCTCAGTGGAGACAACAGTAAGGTCACATCAGAAGTGAACCG
ACTGCTGGCCGAGCTGCCTGCCTGTGTCATGCCCTCACAGGCGTGGACCTGTCTAAGATACCCCTGATC
AAGAAGGCCACTGGTGTGCAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA



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Protein Sequence:	>RC220884 representing NM_004475 Red=Cloning site Green=Tags(s) MGNCHTVGPNEALVVSGCCGSDYKQYVFGWAWAWWCISDTQRISLEIMTLQPRCEDVETAEGVALTVT GVAQVKIMTEKELLAVACEQFLGKNVQDIKNVVLQTLEGLRSILGTLTVEQIYQDRDQFAKLVREVAAP DVGRMGIEILSFTIKDVYDKVDYLSLGGKTQTAVVQRDADIGVAEAERDAGIREAECKEMLDVKFMADT KIADSKRAFELQKSAFSEEVNIKTAEAQLAYELQGAREQQKIRQEEIEIEVVQRKKQIAVEAQEILRTDK ELIATVRRPAEAEAHRIQQIAEGEKVKVLLAQAEAEKIRKIGEAEEAVIEAMGKAEERMKLEAYQK YGDAAKMALVLEALPQIAAKIAAPLTKVDEIVVLSGDNSKVTSEVNRLLAELPASVHALTGVDSLKIPLI KKATGVQV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004475
ORF Size:	1284 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_004475.2
RefSeq Size:	2659 bp
RefSeq ORF:	1287 bp
Locus ID:	2319
UniProt ID:	Q14254
Cytogenetics:	17q11.2
MW:	46.9 kDa