

Product datasheet for **RC201808A1V**

Human FUS (NM_004960) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FUS (NM_004960) AAV Particle
Tag:	Myc-DDK
Symbol:	FUS
Synonyms:	ALS6; altFUS; ETM4; FUS1; HNRNPP2; POMP75; TLS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201808 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTCAAACGATTATACCCAACAAGCAACCCAAGCTATGGGGCCTACCCACCCAGCCCGGGCAGG
 GCTATTTCCAGCAGAGCAGTCAGCCCTACGGACAGCAGAGTTACAGTGGTTATAGCCAGTCCACGGACAC
 TTCAGGCTATGGCCAGAGCAGCTATTCTTCTTATGGCCAGAGCCAGAACACAGGCTATGAACTCAGTCA
 ACTCCCCAGGGATATGGCTCGACTGGCGGCTATGGCAGTAGCCAGAGCTCCCAATCGTCTTACGGGCAGC
 AGTCCTCTATCCTGGCTATGGCCAGCAGCCAGCTCCAGCAGCACCTCGGGAAGTTACGGTAGCAGTTC
 TCAGAGCAGCAGCTATGGGCAGCCCCAGAGTGGGAGCTACAGCCAGCAGCCTAGCTATGGTGGACAGCAG
 CAAAGCTATGGACAGCAGCAAAGCTATAATCCCCCTCAGGGCTATGGACAGCAGAACCAGTACAACAGCA
 GCAGTGGTGGTGGAGGTGGAGGTGGAGGTAACTATGGCCAAGATCAATCCTCCATGAGTAGTGG
 TGGTGGCAGTGGTGGCGTTATGGCAATCAAGACCAGAGTGGTGGAGGTGGCAGCGGTGGCTATGGACAG
 CAGGACCGTGGAGGCCGCGGCAGGGGTGGCAGTGGTGGCGGCGCGCGCGCGGTGGTGGTTACAACC
 GCAGCAGTGGTGGCTATGAACCCAGAGGTCTGTGGAGGTGGCCGTGGAGGCAGAGGTGGCATGGGCGGAAG
 TGACCGTGGTGGCTTCAATAAATTTGGTGGCCCTCGGGACCAAGGATCACGTCATGACTCCGAACAGGAT
 AATTCAGACAACAACACCATCTTTGTGCAAGGCCTGGGTGAGAATGTTACAATTGAGTCTGTGGCTGATT
 ACTTCAAGCAGATTGGTATTATTAAGACAAACAAGAAAACGGGACAGCCCATGATTAATTTGTACACAGA
 CAGGAAACTGGCAAGCTGAAGGAGAGGCAACGGTCTCTTTTGTGATGACCCACCTTCAGCTAAAGCAGCT
 ATTGACTGGTTTGTGTAAGAATTCTCCGAAATCCTATCAAGGTCTCATTTGCTACTCGCCGGGCAG
 ACTTTAATCGGGTGGTGGCAATGGTCTGTGGAGGCCGAGGGCAGGAGGACCCATGGGCCGTGGAGGCTA
 TGGAGGTGGTGGCAGTGGTGGTGGTGGCCGAGGAGGATTTCCAGTGGAGGTGGTGGCGGTGGAGGACAG
 CAGCGAGCTGGTACTGGAAGTGTCTAATCCACCTGTGAGAATATGAATTCTCTTGAGGAATGAAT
 GCAACCACTGTAAAGCCCTAAACCAGATGGCCAGGAGGGGGACCAAGTGGCTCTCACATGGGGGTAA
 CTACGGGGATGATCGTCGTGGTGGCAGAGGAGGCTATGATCGAGGCGGCTACCGGGGCCGCGCGGGGAC
 CGTGGAGGCTTCCGAGGGGGCCGGGTGGTGGGACAGAGGTGGCTTTGGCCCTGGCAAGATGGATTCCA
 GGGGTGAGCACAGACAGGATCGCAGGGAGAGGCCGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201808 protein sequence
 Red=Cloning site Green=Tags(s)

MASNDYTQQATQSYGAYPTQPGQYSQSSQPYGQQSYSGYSQSTDTSGYGQSSYSSYSGQSQNTGYGTQS
 TPQGYGSTGGYSSQSSQSSYQSSYPGYGQQPAPSSTSGSYGSSSQSSYQGPQSGYSQQPSYGGQQ
 QSYGQQSYNPPQGYGQQNQYNSSSGGGGGGGGNYQDQSSMSSGGSGGGYQNDQSGGGSGGYGQ
 QDRGGRGRGSGGGGGGGGYNRRSSGYEPRGRGGRGGRGMGSDRGGFNKFGGPRDQGSRHDSQD
 NSDNNITFVQGLGENVTIESVADYFKQIGIKTNKKTGQPMINLYTDRETGKLKGEATVSFDDPPSAKAA
 IDWFDGKEFSGNPIKVSFATRRADFNRGGNGRGRGGRGPMGRGGYGGGSGGGRGGFPSGGGGGGGQ
 QRAGDWKCPNPTCENMNFSWRNECNQCKAPKPDGPGGGPGGSHMGNYGDDRRGGRGGYDRGGYRGRGGD
 RGGFRGGRGGDRGGFGPGKMDSRGEHRQDRRERPY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004960

ORF Size:

1578 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_004960.2
RefSeq Size:	5119 bp
RefSeq ORF:	1581 bp
Locus ID:	2521
UniProt ID:	P35637
Cytogenetics:	16p11.2
MW:	53.4 kDa