

Product datasheet for **RC219070A1V**

Human ASZ1 (NM_130768) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ASZ1 (NM_130768) AAV Particle
Tag:	Myc-DDK
Symbol:	ASZ1
Synonyms:	ALP1; ANKL1; C7orf7; CT1.19; GASZ; Orf3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219070 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGAGCGCGCTGCGAGGCTGCCAGTGGCTGGCGGAGCGAGAGTAGCGAGAGCGAGGATGATG
 GCTGGGAGATTGGGTATCTCGACCGAGCTCTCAGAAATTGAAAAGGCTATTACCCATTGAAGAAAAGAA
 AGAAAAATTTAAGAAAGCAATGACCATCGGAGATGTTTCATTGGTCCAGGAGCTCCTAGATTCTGGCATT
 AGTGTAGATTCCAACCTTCAGTATGGATGGACTCCCCTTATGTATGCTGCTAGTGTGCCAATGCAGAGC
 TGGTTCGGGTCTTTGGACAGAGGTGCTAATGCAAGCTTTGAGAAGGATAAGCAAAGTATTTTGATAAC
 TGCATGTTCTGCTCATGGCTCAGAGGAACAGATCTTGAAGTGTGTAGAATACTACTTTCAAGAAATGCT
 GATCCAAATGTTGCTTGTAGGAGACTTATGACCCCAATCATGTATGCTGCTCGAGATGGTACACCCAGG
 TTGTTGCTCTCCTTGTGCTCATGGAGCAGAAGTTAATACCCAGGATGAGAATGGTTACTGCTTTAAC
 GTGGGCAGCACGTGAGGTCATAAAAAATAGTTTTGAAGTTGCTTGAAGTTGGAGCTAATAAAATGCTA
 CAAACCAAGATGGAAAGATGCCAAGTGAAGATTGCAAAAAGAAACAAACATCATGAGATCTTCAACTTAC
 TTTCTTTACTTTAAATCCATTGGAAGGAAAACCTCAACAGCTAACTAAAGAAGACACTATTTGTAAAAT
 ATTGACAACAGATTCTGATAGAGAAAAAGATCACATTTTTAGTTCATATACAGCATTTGGAGATCTGAA
 GTATTTTTACATGGTCTTGGACTTGAACATATGACAGATTTACTAAAGGAAAGGGATATAACGTTAAGAC
 ATCTTTTGACCATGAGGGAAGATGAATTTACAAAGAATGGAATTACCAGTAAAGACCAGCAGAAAATTCT
 GGCTGCTCTTAAAGAATAACAGTGAAGAGATACAATTTGGAGAGCTATCTGAAGAGACAAAGTTGGAA
 ATCAGTGGTGTAGTTTCTCACTTTCTCTCAAATTAATAAACAGTGTGGCCATTTAATAACAGCTG
 TACAGAAATGTTACTGAGTTACCTGTAATTTCTCAAAGATAACACTGGAATGGGCTTCTCCCGAGAA
 TTTTACTTCAGTTTGTGAAGAATTGGTTAATAATGTTGAAGATTTGAGTGAAGGCTGCAAACTAAAA
 GACCTAATTCAAAAGTTGCAAAATGAACGGGAAAATGATCCAACATATACAATTAAGGGAAGAAGTAT
 CTACATGGAATAGTAGAATTTTGAAGAGGACAGCTATTACCATATGCGGATTCGGTTTTCTTTTCAT
 TTGCAAGCTAACTTTCCAGAGGAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219070 protein sequence
 Red=Cloning site Green=Tags(s)

MAASALRGLPVAGGGESSEDDGWEIGYLDRTSQKLRLLPIEEKKEKFKKAMTIGDVSLVQELLDSGI
 SVDSNFQYGWTPLMYAASVANAELVRVLLDRGANASFEKDKQSILITACSAHGSEEQILKCVELLLSRNA
 DPNVACRRLMTPIMYAARDGHTQVVALLVAHGAEVNTQDENGYTALTWAARQGHKNIVLKLLELGANKML
 QTKDGMPSSEIAKRKHHEIFNLLSFTLNPLEGKLQQLTKEDTICKILTTSDREKDHIFSSYAFGDLE
 VFLHGLGLEHMTDLLKERDITLRHLLTMREDEFKNGITSKDQKILAALKELQVEEIQFGELSEETKLE
 ISGDEFLNLLKLNKQCGHLITAVQNVITELPVNSQKITLEWASPNFTSVCEELVNNVEDLSEKVKLKL
 DLIQKLNQNERENDPHIQLREEVSTWNSRILKRTAITICGFGFLLFICKLTFQRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_130768

ORF Size:

1425 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_130768.1</u>
RefSeq Size:	1865 bp
RefSeq ORF:	1428 bp
Locus ID:	136991
UniProt ID:	<u>Q8WWH4</u>
Cytogenetics:	7q31.2
MW:	53.5 kDa