

Product datasheet for **RC200129A1V**

Human C12orf11 (ASUN) (NM_018164) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human C12orf11 (ASUN) (NM_018164) AAV Particle
Tag:	Myc-DDK
Symbol:	ASUN
Synonyms:	ASUN; C12orf11; GCT1; Mat89Bb; NET48; SPATA30
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200129 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGATTTTTCTGAATCTCATAAAACAGTGTGTTGTTGGATCACTGCCCTTATATGGCAGAATCTT
GCAGGCAGCATGTCGAGTTTGATATGCTGGTGAAGAATAGAACCAAGGAATCATTCTTTGGCCCCCAT
ATCTAAATCATTGTGGACTTGCTCAGTAGAATCTTCCATGGAATATTGTAGAATAATGTATGATATATT
CCTTTCAAAAAGCTGGTGAATTTATTGTGAGTGACTCTGGAGCACATGTTTTAAATCTTGACTCAAG
AAGACCAAAATTTACAGGAGCTAATGGCAGCATTAGCCGCTGTTGGGCCTCTAATCCTCGGGCAGATCC
AGAGTGCTGCAGTATTCTGCATGGCCTTGTGTCAGCAGTGAAACTCTCTGAAAATTACTGAATACCA
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CTAATGCAAAAAGTGATAGTCATGTGCGAATGCTTGAAGACTGTGTCCAGGAAACGATTCATGAACATA
CAAGCTTGCTGCAAAATCAGATCATCTCATGCAGATTCAAAAATGTGAGTTGGTCTTGATCCACACCTAC
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GTCATATGCTTAGTAGCCATGGAGGAGAGATTTTTTGACGTCCTTAGCAGTTCTCGATCCATTCTAGA
AGATCCACCTTCAATTAGTGAAGGATGTGGAGGAAGAGTTACAGACTACCGGATTACAGATTTTGGTGAA
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CCACAGTTGGTACAAGAGGAAAGGGCCCTAAAAGAGATGAACAATACCGTATCATGTGGAATGAATTAGA
AACCCTTGTCAGAGCCCATATCAACAACCTCAGAGAAACATCAAAGAGTCTTGGAATGTCTGATGGCATGC
AGGAGCAAAACCCAGAGAGGAAGAACGAAAGAAACGAGGAAGAAAGAGGGAAGACAAAGAGGACAAGT
CAGAGAAAGCAGTGAAAGATTATGAACAGGAAAAGTCTTGGCAAGACTCAGAGAGATTAAAGGAATCTT
AGAGCGTGGAAGAAAGAATTGGCTGAAGCTGAGATTATAAAGATTGCGCTGATTCCCCAGAACCTCCA
AACAAAAACCCCTTGTTGAAATGGATGAAACTCCACAAGTGGAAAAATCAAAAGGGCCAGTGTCGTTAT
TATCCTTGTGGAGTAATAGAATCAATACTGCCAATTCAGAAAACATCAGGAATTTGCTGGACGTTTGAA
CTCTGTTAATAACAGAGCTGAACATATCAACATCTTAAAGAGGAAAATGGGATGGAGACAACAAAAAT
GGAAGGCCAGCCGGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200129 protein sequence Red=Cloning site Green=Tags(s) MKIFSESHKTVFVVDHCPYMAESCRQHVEFDMLVKNRTQGIIPAPISKSLWTCSVESSMEYCRIMYDIF PFKKLVNFIVSDSGAHLNSWTQEDQNLQELMAALAAGPPNPRADPECCSILHGLVAAVETLCKITEYQ HEARTLLMENAERVGNRGRIICITNAKSDSHVRMLEDCVQETIHEHNKLAANSDHLMQIQKCELVLIHTY PVGEDSLVSDRSKKELSPVL TSEVHSVRAGRHLATKLNILVQQHFDLASTTITNIPMKEEQHANTSANYD VELLHHKDAHVDFLKSGDSDLGGGREGSFKETITLKWCTPRTNNIELHYCTGAYRISPVDVNSRPSSCL TNFLLNGRSVLEQPRKSGSKVISHMLSSHGGEIFLHVLSSRSILEDPPSISEGCGGRVTDYRITDFGE FMRENRLTPFLDPYKIDGSLEVPLERAKDQLEKHTRYWPMIISQTTIFNMQAVVPLASIVKESLTEED VLNCQKTIYNLVDMERKNDPLISTVGTRGKGPKRDEQYRIMWNELETLVRAHINNSEKHQRVLECLMAC RSKPPEEEERKKRGRKREDKEDKSEKAVKDYEQEKSWQDSERLKGILERGKEELAEAEIIKDSPDSPEPP NKKPLVEMDETPQVEKSKGPVSLLSLWSNRINTANSRKHQEFAGRLNSVNNRAELYQHLKEENGMETTKN GKASRQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018164
ORF Size:	2118 bp
Buffer:	PBS with 0.001% Pluronic F5014
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_018164.1</u>
RefSeq Size:	2988 bp
RefSeq ORF:	2121 bp
Locus ID:	55726
UniProt ID:	<u>Q9NVM9</u>
Cytogenetics:	12p11.23
MW:	80.2 kDa