

Product datasheet for **MR209194A1V**

Mouse Rangap1 (NM_011241) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Rangap1 (NM_011241) AAV Particle
Tag:	Myc-DDK
Symbol:	Rangap1
Synonyms:	C79654; Fug1; mKIAA1835
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209194 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCTGAAGACATTGCCAACTGGCAGAGACCCTGGCTAAAACCTCAGGTAGCCGGAGGGCAGCTGA
 GTTTTAAGGGCAAGGGTCTCAAACCTAAATACTGCAGAAGATGCTAAAGATGTGATTAAAGGAGATTGAAGA
 GTTTGACGGCCTCGAAGCTCTACGATTGAGGGCAACACGGTGGGCGTGAAGCGGCCAGAGTCATCGCC
 AAGGCCTTAGAGAAGAAGTCTGAGCTGAAGCGATGCCACTGGAGTGACATGTTACAGGAAGGCTTCGGT
 CTGAGATCCCACAGCTCTGATCTCACTAGGGGAGGGACTCATCACTGCAGGAGCACAGCTGGTGGAACT
 GGACCTCAGTGACAACGCATTTGGACCCGATGGAGTGCAGGGCTTCGAGGCCCTCCTCAAGAGCCGAGCC
 TGCTTCACCTACAGGAACCTAAGCTTAACAACCTGTGGCATGGGCATCGGGGTGGCAAGATTCTGGCAG
 CAGCTCTGACTGAGTGTACCGCAAGTCCAGTGCCCAAGGCAAGCCCTGGCCCTGAAGGTGTTTGTGGC
 TGGCAGAAATCGCTGGAGAATGACGGAGCCACTGCACCTGGCAGAAAGCTTTTGGGATCATCGGGACTCTG
 GAAGAGGTGCATATGCCACAGAACGGAATTAACCATCCTGGTGTACAGCCCTGGCCAGGCCTTTGCCA
 TCAACCCCTGTTGCGAGTCATCAACCTAAATGACAACACCTTCACTGAGAAGGGTGGGGTGGCCATGGC
 TGAGACTCTGAAGACTCTGCGACAAGTGAAGTGATCAATTTTGGAGACTGCCTGGTGCCTCTAAGGGT
 GCCGTTGCCATCGCAGATGCTGTCCGTGGTGGCTGCCAAGCTAAAGGAGCTGAATCTGTGCTTCTGCG
 AAATCAAGAGAGATGCTGCCCTGGTGTGTGCTGAGGCTGTGGCCGACAAGGCTGAGCTGGAGAAGCTGGA
 CCTCAATGGCAATGCCCTCGGAGAAGAGGGCTGTGAGCAGCTTCAGGAGGTGATGGACAGCTTCAATATG
 GCCAAGGTGCTGGCATCCCTCAGTGATGATGAGGAGAGGATGAAGATGAGGAGGAAGAAGGAGAAGAGG
 ATGATGAGGAGGAGGAAGATGAAGAGGATGAGGAAGATGATGATGATGAGGAGGAGGAGCAGGAGGAAGA
 GGAAGAGCCTCCGCAGAGAGGGTCAGGGGAGGAGCCGGCTACACCTCGAGGAAGATCCTGGACCCCTAAC
 AGTGGGAGCCAGCTCCCGTGTCTCTCCCGACTCCACAGACCTCTCCACCTTCTGTCTATTTCCCT
 CCCAGAGAAGCTGCTGCGTCTGGGTCCCAAGGTCTCGGTGCTGATAGTCCAGCAGACTGATACCTCCGA
 CCCAGAGAAGGTTGTTTCAGCCTTCTGAAGGTGGCATCTGTGTTGAGGATGACGCCTCAGTAAAGACC
 GCAGTGTGGATGCCATCGATGCCCTCATGAAGAAGGCCTTCAGCTGCTCCTTTCAATTCCAACCT
 TCCTTACCAGGCTGCTCATCCACATGGGTCTGCTCAAGAGTGAAGACAAGATCAAGGCCATACCCAGCCT
 GCATGGCCCCCTGATGGTGTGAACACGTGGTGAGGCAGGACTATTTCCCAAGGCCCTTGACCCCTG
 CTCTTGCCATTTGTGACAAAGCCCAATGGCGCGCTGGAACCTGCTCCTTTGCCCGCCACAATCTGCTGC
 AGACGCTATACAACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209194 protein sequence
 Red=Cloning site Green=Tags(s)

MASEDIAKLAETLAKTQVAGGQLSFKGKGLKLNTAEDAKDVIKEIEEFDGLEALRLEGNVTGVVEAARVIA
 KALEKKSELKRCHWSMFTGRLRSEIPPALISLGEGLITAGAQLVELDLSDNAFGPDGVRGFEALLKSPA
 CFTLQELKLNNCGMGIGGKILAAALTECHRKSSAQGKPLALKVVFVAGRNRLENDGATALAEAFGIIGTL
 EEVHMPQNGINHPGVTAQAFAINPLLRVINLNDNTFTEKGGVMAETLKTLRQVEVINFGDCLVRSKG
 AVAIADAVRGGPLPKLKNLNFCEIKRDAALVVAEAVADKAELEKLDLNGNALGEEGCEQLQEVMSFNM
 AKVLASLSDDEGEDEDEEEGEDEDEEEDEDEEDDDDEEEQEEEEPPQRGSGEPEATPSRKILDPN
 SGEPAPVLSSTPTDLSTFLSFPSPKLLRLGPKVSVLIVQQTDSDEKVVSAFLKVASVFRDDASVKT
 AVLDAIDALMKKAFSCSSFNSNTFLTRLLIHMGLLKSEDKIKAIPSLHGPLMVLNHVVRQDYFPKALAPL
 LLAFVTKPNGALETCSFARHNLQTLNYI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_011241
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F311
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_011241.3</u>
RefSeq Size:	3002 bp
RefSeq ORF:	1770 bp
Locus ID:	19387
UniProt ID:	<u>P46061</u>
Cytogenetics:	15 38.21 cM
MW:	63.5 kDa