

Product datasheet for **MR217185A1V**

Mouse Rangap1 (NM_001146174) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Rangap1 (NM_001146174) 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:

>MR217185 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCTGAAGACATTGCCAACTGGCAGAGACCTGGCTAAAACCTCAGGTAGCCGGAGGGCAGCTGA
GTTTTAAGGGCAAGGGTCTCAAACATAACTGCAGAAGATGCTAAAGATGTGATTAAGGAGATTGAAGA
GTTTGACGGCCTCGAAGCTCTACGATTGGAGGGCAACACGGTGGCGTGGAAGCGCCAGAGTCATCGCC
AAGGCCTTAGAGAAGAAGTCTGAGCTGAAGCGATGCCACTGGAGTGACATGTTACAGGAAGGCTTCGGT
CTGAGATCCCACCAGCTCTGATCTCACTAGGGGAGGGACTCATCTGTCAGGAGCACAGCTGGTGGAA
GGACCTCAGTGACAACGCATTTGGACCGCATGGAGTGCGAGGCTTCGAGGCCCTCCTCAAGAGCCCAGCC
TGCTTACCCTACAGGAACCAAGCTTAACAACCTGTGGCATGGGCATCGGGGTGGCAAGATTCTGGCAG
CAGCTCTGACTGAGTGTACCGCAAGTCCAGTGCCCAAGGCAAGCCCCTGGCCCTGAAGGTGTTTGTGGC
TGGCAGAAATCGCCTGGAGAATGACGGAGCCACTGCACTGGCAGAAGCTTTTGGGATCATCGGGACTCTG
GAAGAGGTGCATATGCCACAGAACGGAATTAACCATCCTGGTGTACAGCCCTGGCCAGGCCCTTTGCCA
TGAAACCCCCTGTTGCGAGTCATCAACCTAAATGACAACACCTTCACTGAGAAGGTTGGGTGGCCATGGT
TCAAGCTCTGAAGACTCTGCGACAAGTGAAGTGATCAATTTTGAGAGACTGCTGGTGCCTCTAAGGGT
GCCGTTGCCATCGCAGATGCTGTCCGTGGTGGCCTGCCAAGCTAAAGGAGCTGAATCTGTCTGTCTGCG
AAATCAAGAGAGATGCTGCCCTGGTTGTTGCTGAGGCTGTGGCCGACAAGGCTGAGCTGGAGAAGCTGGA
CCTCAATGGCAATGCCCTCGGAGAAGAGGGCTGTGAGCAGCTTCAGGAGGTGATGGACAGCTTCAATATG
GCCAAGGTGCTGGCATCCCTCAGTGATGATGAGGGAGAGGATGAAGATGAGGAGGAAGAAGGAGAAGAGG
ATGATGAGGAGGAGGAAGATGAAGAGGATGAGGAAGATGATGATGAGGAGGAGGAGGAGCAGGAGGAAGA
GGAAGAGCCTCCGAGAGAGGGTCAGGGGAGGAGCCGGCTACACCTCGAGGAAGATCCTGGACCCTAAC
AGTGGGGAGCCAGCTCCCGTGTCTCCTCCCCGACTCCACAGACCTCTCCACCTTCTGTCAATCCCT
CCCCAGAGAAGCTGCTGCGTCTGGGTCCCAAGGTCTCGTGCTGATAGTCCAGCAGACTGATACCTCCGA
CCCAGAGAAGGTTGTTTCAGCCTTCTGAAGGTGGCATCTGTGTTCAAGGATGACGCCCTCAGTAAAGACC
GCAGTGCTGGATGCCATCGATGCCCTCATGAAGAAGGCCTTCAGCTGCTCCTTTCAATTCCAACACCT
TCCTTACCAGGTGCTCATCCACATGGGTCTGCTCAAGAGTGAAGACAAGATCAAGGCCATACCCAGCCT
GCATGGCCCCCTGATGGTGTTGAACACAGTGGTGAGGCAGGACTATTTCCCAAGGCCCTTGCAACCCTG
CTCTTGGCATTTGTGACAAGCCCAATGGCGCGCTGAAACCTGCTCCTTTGCCCGCCACAATCTGCTGC
AGAGCTATACACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217185 protein sequence

Red=Cloning site Green=Tags(s)

MASEDIKLAETLAKTVAGGQLSFKGKGLKLNTEADAKDVIKEIEEFDLGALRLGNTVGVVEAARVIA
KALEKKSELKRCHWSDMFTGRLRSEIPPALISLGEGLITAGACLVELDSDNAFGPDGVRGFEALLKSPA
CFTLQELKLNNCGMIGGGKILAAALTECHRKSSAQGKPLALKVFVAGNRNLENDGATALAEAFGIIGTL
EEVHPMQNGINHPGVTALAQAFAINPLLRVINLNDNTFTEKGGVMAETLTKLRQVEVINFGDCLVRSG
AVAIADAVRGLPKLKEINLSFCEIKRDAALVVAEAVADKAEKLDLNGNALGEEGCEQLQEVMSDFNM
AKVLASLSDDEGEDEDEEEEGEEDDEEEDEEEDDDEEEEEEQEEEEPPQGRSGEEPATPSRKILDPN
SGEPAPVLSSTPTDLSTLFSFPSPEKLLRLGPKVSVLIVQQTDTSDPEKVVSFAFLKVASVFRDDASVKT
AVLDAIDALMKKAFSCSSFNSTFLTRLLIHMGLLKSEDKIKAIIPSLHGPLMVLNHVVRQDYFPKALAPL
LLAFVTKPNGALETCSFARHNLLOTLYNI

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001146174
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F2591
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_001146174.1, NP_001139646.1</u>
RefSeq Size:	2954 bp
RefSeq ORF:	1770 bp
Locus ID:	19387
UniProt ID:	<u>P46061</u>
Cytogenetics:	15 38.21 cM
MW:	63.5 kDa