

Product datasheet for **RC211098A1V**

Human MUM1 (NM_032853) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MUM1 (NM_032853) AAV Particle
Tag:	Myc-DDK
Symbol:	MUM1
Synonyms:	EXPAND1; HSPC211; MUM-1; MUM1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC211098 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGATGGCGGATGCCAAGTATGTCTCTGCCGATGGGAAAAGCGATTATGGCCTGCGAAGTTTTGGCCC
GAACCGCGACTTCAACAAAAAATAAGAGAAGAAAGGAATATTTCTAGCTGTGCAAAATCCTCTCCCTAGA
GGAAAAAATTAAGGTGAAAAGCACTGAAGTTGAGATCCTAGAGAAGTCTCAAATTGAAGCCATTGCTTCC
TCGTTAGCCTCACAGAATGAGGTTCTGCGGCACCCCTGGAAGAACTGGCCTACAGACGGTCGTTTCGCG
TGGCTCTGGACGTTCTGAGCGAGGGCTCGATTTGGAGTCAAGAAAGCTCTGCAGGGACAGGTAGAGCTGA
CCGGTCTCTGCGAGGGAAGCCCATGGAGCATGTCTCTCGCCCTGTGATTGCAACTCCTCATCTTTCCC
CGCGGAGACGTGTTGGGCAGTTCAGACCTCACAGGAGGAGGCCATGTGTGCAACAAAGCCTGTCAAGTT
CGTTCACTTGTGAAAAGGACCCCGAGTGCAAGTGGACCACAAGAAGGGGCTCAGGAAAAGTGAAAACCC
AAGAGGCCCGTTGGTCTCCAGCTGGAGGTGGTGCCCAAGATGAGAGTGGGTCCAGAATCCACCACAAA
AATTGGACTCTTGCAAGTAAGAGGGGAAGAACTCAGCGCAGAAGGCTAGCTTGTGCCTGAATGGATCTT
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CTCCGGGGTCAAGGAGGACGATCCCTGTGCCAACGCTGAGGGACACGACCCCGGTCTGCCGTTGGGCAGC
CTCACTGCGCCCCAGCCCTGAGCCCTCGGCCTGCTCAGAGCCTGGAGAATGCCCTGCGAAAAAGAGGC
CGCGCCTGGATGGCAGCCAAAGGCCGCTGCCGTGCAGCTGGAGCCCATGGCAGCAGGGGCCGACCATC
CCCCGGGCCGGGCCAGGGCCAGAGAGTCTGTGACCCGCGCAGCACCAGGCTGGGCCGCTCCCTCC
TCCACGCCTCTGCGGATGCAACCAGATGTCTTCTTGCCCGGATTCCAGAAGCTGGAGAAAGAGTGCC
AGTCTTCCGAAGAGTCCATGGGTCTAATTCATGCGTTCTATCTGGAGGAAGACGAGGAAGACGAGGA
GCCACCAAGAGTCCTTTTATACCACGAACACGTTTCGTTTGAAGTAGGAATGCTAGTCTGGCATAAACAT
AAAAAATACCCCTTCTGGCCAGCAGTGCTCAAAAGCGTCAGGCAGAGAGATAAGAAAGCAAGTGTGCTAT
ACATCGAAGGACACATGAACCCGAAAATGAAAGGTTTCACAGTGTCTCTTAAAGTTTAAAGCACTTTGA
TTGTAAAGAGAAACAGACGCTTCTGAATCAAGCCAGGGAGGACTTCAACCAGGACATCGGCTGGTGTGTC
TCCCTCATCACCGACTACAGGTCGGTTAGGCTGCGGGTCTTTTGTGGCTCTTCTGGAATATTACG
CGGCTGATATAAGCTATCCTGTCCGAAAATCCATCCAGCAGGACGTCTTGGGGACCAAGCTTCTCAACT
GAGCAAGGGGAGCCCCGAGGAGCCGTTGGTGGGTGCCCCCTGGGGCAGAGGCAGCCCTGCCGAAAATG
CTCCCCGACCGCTCGCGGGCCGCGGGACCGGCCAACCAGAAGCTGGTGGAGTACATTGTGAAGCCA
AGGGCGCGGAGAGCCACCTGCGGGCCATCCTAAAGAGCAGGAAGCCATCTCGCTGGCTGCAGACCTTCT
GAGCTCCAGCCAGTACGTGACCTGTGTGGAGACCTACCTGGAGGATGAGGGGCAGCTGGACCTGGTGGT
AAGTACCTGCAGGGCGTCTACCAGGAGGTGGGGCCAAAGGTGCTCCAGCGCACCAACGGCGACCGGATCC
GGTTCACTTCTGGACGTGCTTCTGCCGAGGCCATCATCTGTGCGATCTCTGCGGTGGACGAGGTGGACTA
CAAGACGGCTGAGGAGAAGTACATCAAGGGCCTTCGCTGAGCTACCGGAAAAAGAAATATTTGACAAC
CAGTCTCTTGAAGAGCGGAACCGGCGCGTCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211098 protein sequence Red=Cloning site Green=Tags(s) MMADAKYVLCRWEKRLWPAKVLARTATSTKNKRRKEYFLAVQILSLEEKIKVKSTEVEILEKSQIEAIAS SLASQNEVPAAPLEELAYRRSLRVALDVLSEGSISQESSAGTGRADRSRGGKPMHVSSPCDSNSSSLP RGDVLGSSRPHRRRPCVQQSLSSSFTCEKDPECKVDHKKGLRKSENPRGPLVLPAGGGAQDESGSRIHHK NWTLASKRGRNSAQKASLCLNGSSLSEDDTERDMGSKGGSWAAPSLPSGVREDDPCANAEGHDPGLPLGS LTAPPAPEPSACSEPGCEPAKKRPRLDGSQRPPAVQLEPMAAGAAPSPGPGPGPRESVTPRSTARLGPPP SHASADATRCLPCPDSQKLEKECQSSEESMGSMRSILEEDEEDEEPPRVLLYHEPRSFVGMVWVHKH KKYPFWPAVVKSVRQDKKASVLYIEGHMNPMMKGFTVSLKSLKHFDCKEKQTLLNQAREDFNQDIGWCV SLITDYRVRLGCGSFAGSFLEYAADISYPVRKSIQQDVLGTLKPLSKSGSPEEPVVGCPQGQRQPCRKM LPDRSRAARDANQKLVEYIVKAKGAESHLRAILKSRKPSRWLQTFLLSSQYVTCVETYLEDEGQDLVV KYLQGVYQEVGAKVLQRTNGDRIRFILDVLLPEAIIICISAVDEVYKTAEKYIKGPSLSYREKEIFDN QLLEERNRRRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032853
ORF Size:	2133 bp
Buffer:	PBS with 0.001% Pluronic F6668
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_032853.2</u>
RefSeq Size:	4119 bp
RefSeq ORF:	2133 bp
Locus ID:	84939
UniProt ID:	<u>Q2TAK8</u>
Cytogenetics:	19p13.3
MW:	78.9 kDa