

Product datasheet for **RC212429A1V**

Human Menin (MEN1) (NM_130802) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Menin (MEN1) (NM_130802) AAV Particle
Tag:	Myc-DDK
Symbol:	MEN1
Synonyms:	MEAI; SCG2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212429 representing NM_130802
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTGAAGGCCGCCAGAAGACGCTGTTCCCGCTGCGCTCCATCGACGACGTGGTGCCTGTTTG
 CTGCCGAGCTGGGCCGAGAGGAGCCGGACCTGGTGCTCCTTTCCCTGGTGCTGGGCTTCGTGGAGCATTT
 TCTGGCTGTCAACCGCGTCATCCCTACCAACGTTCCCGAGCTCACCTTCAGCCAGCCCGCCCCGAC
 CCGCTGGCGGCTCACCTACTTTCCCGTGCCGACCTGTCTATCATCGCCGCCCTCTATGCCGCTTCA
 CCGCCAGATCCGAGGCGCCGTGACCTGTCCCTCTATCTCGAGAAGGGGTGTCTCCAGCCGTGAGCT
 GGTGAAGAAGGTCTCCGATGTCATATGGAACAGCCTCAGCCGCTCCTACTTCAAGGATCGGGCCACATC
 CAGTCCCTCTCAGTTCATCACAGTTGGAGCCAGTAGGCACCAATTGGACAGCTCCGGTGTGGCT
 TTGCTGTGGTTGGGGCTGCCAGGCCCTGGGTCTCCGGATGTCCACCTCGCCCTGTCTGAGGATCATGC
 CTGGGTAGTGTGGGCCCAATGGGAGCAGACAGCTGAGGTACCTGGCACGGCAAGGCAACGAGGAC
 CGCAGGGGCCAGACAGTCAATGCCGGTGTGGCTGAGCGGAGCTGGCTGTACCTGAAAGGATCATACATGC
 GCTGTGACCGCAAGATGGAGGTGGCGTTTATGGTGTGTGCCATCAACCCTTCCATTGACCTGCACACCGA
 CTCGCTGGAGCTTCTGCAGCTGCAGCAGAAGCTGCTCTGGCTGCTCTATGACCTGGGACATCTGAAAGG
 TACCCCATGGCCTTAGGGAACCTGGCAGATCTAGAGGAGCTGGAGCCACCCCTGGCCGGCCAGACCCAC
 TCACCTCTACCACAAGGGCATTGCCTCAGCCAAGACCTACTATCGGGATGAACACATCTACCCCTACAT
 GTACCTGGCTGGCTACCACTGTGCAACCGCAATGTGCGGGAAGCCCTGCAGGCTGGGCGGACACGGCC
 ACTGTCATCCAGGACTACAACCTGCTGAGGAGGACGAGGAGATCTACAAGGAGTTCTTTGAAGTAGCCA
 ATGATGTATCCCCAACCTGCTGAAGGAGGACGCCAGCTTGTCTGGAGGCGGCGAGGAGCGGCCGGGGA
 GCAAAGCCAGGGCACCCAGAGCCAAGGTTCCGCCCTCCAGGACCCTGAGTGCTTCGCCACCTGCTGCGA
 TTCTACGACGGCATCTGCAAATGGGAGGAGGCGAGTCCACGCCTGTGCTGCACGTGGGTGGGCCACCT
 TTCTTGTGCACTCCCTAGGCCGTTTTGAGGGACAGGTGCGGCAGAAGGTGCGCATAGTGAGCCGAGAGGC
 CGAGGCGGCCGAGGCCGAGGAGCCGTGGGGCGAGGAAGCCGGGAAGGCCGGCGGGGCCACGGCGG
 GAGTCCAAGCCAGAGGAGCCCCCGGCCCAAGAAGCCAGCACTGGACAAGGGCTGGGACCGGCCAGG
 GTGCAGTGTGAGACCCCCCGAAGCCTCTGGGACTGTGCTGGCACAGCCGAGGCCCTGAAGGTGG
 CAGCACGGCTCAGGTGCCAGCACCCGACATACCACCGCCGAGGGTCCAGTGCTCACTTTCCAGAGT
 GAGAAGATGAAGGGCATGAAGGAGCTGCTGGTGGCCACCAAGATCAACTCGAGCGCCATCAAGTGAAC
 TCACGGCACAGTCGAAAGTGCAGATGAAGAAGCAGAAAGTGCCACCCCTAGTGACTACACTCTGTCTTT
 CCTCAAGCGGCAGCGCAAGGCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGLKAAQKTLFPLRSIDVVRFLFAAELGREPDVLVLLSLVLGFVEHFLAVNRVIPTNVPELTFQPSAPD
 PPGLTYFPVADLSIIAALYARFTAQIRGAVDSLYPEGGVSSRELVKVSDVIWNSLSRSYFKDRAHI
 QSLFSFITGWSPVGTKLDSSGVAFVVGACQALGLRDVHLALSEDHAWVVFPGNGEQTAEVTWHGKGNED
 RRGQTVNAGVAERSWL YLKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLER
 YPMALGNLADLEELEPTPGRPDPLTYHKGIASAKTYRDEHIYPYMLAGYHCRNRNVREALQAWADTA
 TVIQDYNCREDEEIIKEFFEIVANDVIPNLLKEAASLLEAGEERPGEQSQTQSQGSALQDPECFAHLLR
 FYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVIRIVSREAEAAEAEPEWGEAREGRRRGPRR
 ESKPEEPPPPKPPALDKLGTGQGAIVSGPPRPPGTVAGTARGPEGGSTAQVPAPAAASPPPEGPVLTFS
 EKMKGMKELLVATKINSSAIKLQLTAQSQVQMKQKQVSTPSDYTLSFLKRQRKGL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_130802
ORF Size:	1845 bp
Buffer:	PBS with 0.001% Pluronic F6883
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_130802.1, NP_570714.1</u>
RefSeq Size:	3174 bp
RefSeq ORF:	1848 bp
Locus ID:	4221
UniProt ID:	<u>O00255</u>
Cytogenetics:	11q13.1
MW:	67.8 kDa