

Product datasheet for **RC219757A1V**

Human Mesothelin (MSLN) (NM_013404) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Mesothelin (MSLN) (NM_013404) AAV Particle
Tag:	Myc-DDK
Symbol:	MSLN
Synonyms:	MPF; SMRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219757 representing NM_013404
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCTTGCCAACGGCTCGACCCCTGTTGGGGTCTGTGGGACCCCGCCCTCGGCAGCCTCCTGTTCC
 TGCTCTTCAGCCTCGGATGGGTGCAGCCCTCGAGGACCTGGCTGGAGAGACAGGGCAGGAGGCTGCGCC
 CCTGGACGGAGTCTGGCCAACCCACCTAACATTTCCAGCCTCTCCCTCGCCAACTCCTTGCTTCCCG
 TGTGCGGAGGTGTCGGCCTGAGCAGGAGCGTGTCCGGGAGCTGGCTGTGGCCTTGGCACAAGAATG
 TCAAGCTCTCAACAGAGCAGTGCCTGTCTGGCTCACCAGCTCTCTGAGCCCCCGAGGACCTGGACGC
 CCTCCCATTGGACCTGCTGCTATTCTCAACCCAGATGCGTTCTCGGGGCCCCAGGCCTGCACCCGTTTC
 TTCTCCCGCATCACGAAGGCCAATGTGGACCTGCTCCGAGGGGGGCTCCCGAGCGACAGCGGCTGCTGC
 CTGCGGCTCTGGCCTGTGGGTGTGCGGGGTCTCTGCTGAGCGAGGCTGATGTGCGGGCTCTGGGAGG
 CCTGGCTTGCACCTGCTGGGCTTTGTGGCCGAGTCGGCCGAAGTGTGCTACCCCGCTGTGAGC
 TGCCCCGGACCCCTGGACCAGGACAGCAGGAGGACGAGGCGGCTCTGCAGGGCGGGGACCCCTCT
 ACGGCCCCCGCTCGACATGGTCTGTCTCCACGATGGACGCTCTGCGGGGCTGTGCCCCGTGTGGGCA
 GCCCATCATCCGACGATCCCGAGGGCATCGTGGCCGCGTGGCGCAACGCTCTCTCGGGACCCATCC
 TGGCGGCAGCCTGAACGGACCATCTCCGGCCGCGTTCCGGCGGGAAGTGGAGAAGACAGCCTGTCTT
 CAGGCAAGAAGGCCCGCAGATAGACGAGAGCCTCATCTTCTACAAGAAGTGGGAGCTGGAAGCCTGCGT
 GGATGCGGCCCTGCTGGCCACCCAGATGGACCGCGTGAACGCCATCCCTTACCTACGAGCAGCTGGAC
 GTCCTAAAGCATAAACTGGATGAGCTCTACCCACAAGTTACCCGAGTCTGTGATCCAGCACCTGGGCT
 ACCTCTTCTCAAGATGAGCCCTGAGGACATTCGCAAGTGAATGTGACGTCCTGGAGACCTGAAGGC
 TTTGCTTGAAGTCAACAAAGGGCAGCAATGAGTCCTCAGGCTCTCGGCGGCCCTCCACAGGTGGCC
 ACCCTGATCGACCGCTTTGTGAAGGGAAGGGGCCAGCTAGACAAAGACACCCCTAGACACCTGACCGCT
 TCTACCTGGGTACCTGTGCTCCCTCAGCCCCGAGGAGCTGAGCTCCGTGCCCCCAGCAGCATCTGGG
 GGTGAGCCCCAGGACCTGGACACGTGTGACCAAGGCAGCTGGACGCTCTATCCCAAGGCCGCTT
 GCTTTCAGAACATGAACGGGTCCGAATACTTCGTGAAGATCCAGTCTTCTGCGGTGGGCCCCCAGG
 AGGATTTGAAGGCGCTCAGTCAGCAGAATGTGAGCATGGACTTGGCCACGTTTATGAAGCTGCGGACGA
 TGCGGTGCTGCCGTTGACTGTGGCTGAGGTGCAGAACTTCTGGGACCCACGTGGAGGGCTGAAGGCG
 GAGGAGCGGCACCGCCCGTGGGGACTGGATCTACGGCAGCGCAGGACGACCTGGACACGCTGGGGC
 TGGGGTACAGGGCGGCATCCCCAACGGCTACCTGGTCTAGACCTCAGCATGCAAGAGGCCCTCTCGGG
 GACGCCCTGCCTCTAGGACCTGGACCTGTTCTACCGTCTGGCACTGCTCTAGCCTCCACCTTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MALPTARPLLGSCGTPALGSLLFLLFSLGWVQPSRTLGETGQEAAPLDGVLANPPNISSLSPRQLLGFP
 CAEVSGLSTERVRELAVALAQKNVKLSTEQLRCLAHRLSEPPEDLDALPLDLLFLNPDAFSGPQACTRF
 FSRITKANVDLLPRGAPERQRLPAALACWGVRSLLSEADVRALGGLACDLPGRFVAESAELVLPRLVS
 CPGPLDQDQQAARALQGGPPYPGPSTWSVSTMDALRGLLPVLGQPIIRSIPQGIWAQRSSRDPS
 WRQPERTILRPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTYQLD
 VLKHKLDELYPQGYPSVIQHLGYLFLKMSPEDIRKWNVTSLTLKALLEVNKGHEMSPQAPRRPLPQVA
 TLIDRFVKGRLDKDLDLTLTAFYPGYLCSLSPEELSSVPPSSIWAVRPQDLDTCDPRQLDVLYPKARL
 AFQNMNGSEYFVKIQSLFGGAPTELDKALSQQNVSMDLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKA
 EERHRPVRDWILRQRQDDLDLGLGLQGGINPGYLVLDLSMQEALSGTPCLLGPVPLTVLALLLASTLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_013404
ORF Size:	1890 bp
Buffer:	PBS with 0.001% Pluronic F8045
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_013404.3</u>
RefSeq Size:	2076 bp
RefSeq ORF:	1893 bp
Locus ID:	10232
UniProt ID:	<u>Q13421</u>
Cytogenetics:	16p13.3
MW:	68.99 kDa