

Product datasheet for **RC202532A1V**

Human Mesothelin (MSLN) (NM_005823) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Mesothelin (MSLN) (NM_005823) 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:

>RC202532 representing NM_005823.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCTTGCCAAACGGCTCGACCCCTGTTGGGGTCTGTGGGACCCCGCCCTCGGCAGCCTCCTGTTC
CTGCTCTTCAGCCTCGGATGGGTGCAGCCCTCGAGGACCTGGCTGGAGAGACAGGGCAGGCTGCACCC
CTGGACGGAGTCTTGCCAAACCCACCTAACATTTCCAGCCTCTCCCTCGCCAACCTCTTGCTTCCCG
TGTGCGGAGGTGTCCGGCTGAGCAGGAGCGTGTCCGGGAGCTGGCTGTGGCCTTGGCACAGAAGAAT
GTCAAGCTCTCAACAGAGCAGCTGCGCTGTCTGGCTCACCGGCTCTCTGAGCCCCCGAGGACCTGGAC
GCCCTCCATTGGACCTGCTGCTATTCTCAACCCAGATGCGTTCTGGGGCCCCAGGCCTGCACCCGT
TTCTTCTCCGCATCACGAAGGCCAATGTGACCTGCTCCGAGGGGGGCTCCGAGCGACAGCGGCTG
CTGCTGCGGCTCTGGCCTGCTGGGGTGTGCGGGGTCTCTGCTGAGCGAGGCTGATGTGCGGGCTCTG
GGAGGCTGGCTTGCACCTGCCTGGGCTTTGTGGCGAGTCGGCCGAAGTGTGCTACCCCGGCTG
GTGAGCTGCCCGGACCCCTGGACAGGACCAGCAGGAGGCAGCCAGGGCGGCTCTGCAGGGCGGGGA
CCCCCTACGGCCCCCGCTCGACATGGTGTCTCTCCACGATGGACGCTCTGCGGGGCTGCTGCCGTG
CTGGGCCAGCCATCATCCGACGATCCCGCAGGGCATCGTGGCCGCTGGCGGCAACGCTCCTCTCGG
GACCCATCCTGGCGGCAGCCTGAACGGACCATCCTCCGGCCGGGTTCCGGCGGGAAGTGGAGAAGACA
GCCTGTCTTCAGGCAAGAAGGCCCGGAGATAGACGAGAGCCTCATCTTCTACAAGAAGTGGGAGCTG
GAAGCTGCGTGGATGCGGCCCTGCTGGCCACCAGATGGACCGGTGAACGCCATCCCCTTACCTAC
GAGCAGCTGGACGCTCTAAAGCATAAATGGATGAGCTCTACCCACAAGTTACCCGAGTCTGTGATC
CAGCACCTGGGCTACCTCTTCTCAAGATGAGCCCTGAGGACATTCGCAAGTGAATGTGACGTCCTTG
GAGACCTGAAGGCTTTGCTTGAAGTCAACAAAGGGCAGAAATGAGTCTCAGGTGGCCACCCTGATC
GACCGCTTTGTGAAGGGAAGGGGCCAGCTAGACAAAGACACCCTAGACACCCTGACCGCCTTCTACCT
GGTACCTGTGCTCCCTCAGCCCCGAGGAGCTGAGCTCCGTGCCCCCAGCAGCATCTGGCGGTGAGG
CCCCAGGACCTGGACACGTGTGACCCAAGGCAGCTGGACGCTCTCTATCCCAAGGCCCGCTTGTCTTC
CAGAACATGAACGGGTCCGAATACTTCTGTAAGATCCAGTCTTCTGGTGGGGCCCCACGGAGGAT
TTGAAGGCGCTCAGTCAGCAGAATGTGAGCATGGACTTGGCCACGTTTATGAAGTGGGACGGATGCG
GTGCTGCCGTTGACTGTGGCTGAGGTGCAGAACTTCTGGGACCCACGTTGAGGGCCTGAAGGCGGAG
GAGCGGCACCGCCCGGTGCGGGACTGGATCCTACGGCAGCGGCAGGACGCTGGACACGCTGGGGCTG
GGGCTACAGGGCGGCATCCCAACGGCTACCTGGTCTAGACCTCAGCGTGAAGAGGCCCTCTCGGG
ACGCCCTGCCTCCTAGGACCTGGACCTGTTCTACCGTCTTGGCACTGCTCCTAGCTCCACCCTGGCC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Protein Sequence:

>Peptide sequence encoded by RC202532
 Blue=ORF Red=Cloning site Green=Tag(s)

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MALPTARPLLGSCGTPALGSLLFLLFSLGWVQPSRTLGETGQAAPLDGVLNPPNISSLSPRQLLGFP
CAEVSLSTERVRELAVALAQKNVKLSTEQRLRCLAHRLSEPPEDLDALPLDLLFLNPDAFSGPQACTR
FFSRITKANVDLLPRGAPERQRLPAALACWGVRSLLSEADVRLGGLACDLPGRFVAESAIEVLLPRL
VSCPGPLDQDQEAARAALQGGPPYPGPSTWSVSTMDALRGLLPVLGQPIIRSIPQGIWAARQSSR
DPSWRQPERTILRPRFRREVEKTACPSGKKAREIDESLIFYKKWELEACVDAALLATQMDRVNAIPFTY
EQLDVLKHKLDLQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQY
DRFVKGRGQLDKDTLDTLAFYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQYQY
QNMNGSEYFVKIQSFLGGAPTEDLKALSQQNVSMDLATFMKLRTDAVLPLTVAEVQKLLGPHVEGLKAE
ERHRPVRDWILRQRQDDLDLGLGLQGIPNGYLVLDLSVQELSGTPCLLGGPVLTVLALLLASTLA
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
  
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Recombinant protein using RC202532 also available, [TP302532](#)

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005823
ORF Size:	1863 bp
Buffer:	PBS with 0.001% Pluronic F5347
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_005823.4</u>
RefSeq Size:	2197 bp
RefSeq ORF:	1869 bp
Locus ID:	10232
UniProt ID:	<u>Q13421</u>
Cytogenetics:	16p13.3
MW:	67.9 kDa