

Product datasheet for **RC200925A1V**

Human **METTL14** (NM_020961) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human METTL14 (NM_020961) AAV Particle
Tag:	Myc-DDK
Symbol:	METTL14
Synonyms:	hMETTL14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200925 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATAGCCGCTTGCAGGAGATCCGGGAGCGGCAGAAGTTACGGCGACAGCTCCTCGCGCAGCAGTTGG
 GAGCTGAAAGTGCCGACAGCATTGGTGCGTGTAAATAGCAAAGATGAGCAGAGAGAAAATTGCTGAAAC
 AAGAGAAAATTGCAGGGCTTCTATGATACCTCTGCTCCAAATGCAAAACGTAAGTATCTGGATGAAGGA
 GAGACAGATGAAGACAAAATGGAAGAATATAAGGATGAACTAGAAATGCAACAGGATGAAGAAAATTTGC
 CATATGAAGAAGAGATTTACAAAGATTCTAGTACTTTTCTTAAGGGAACACAGAGCTTAAATCCCATAA
 TGATTACTGCCAACATTTGTAGACACTGGACATAGACCTCAGAATTTTCATCAGGGATGTAGGTTTAGCT
 GACAGATTTGAAGAATATCCTAACTGAGGGAGCTCATCAGGCTAAAGGATGAGTTAATAGCTAAATCTA
 ACACTCCTCCCATGTACTTACAAGCCGATATAGAAGCCTTTGACATCAGAGAACTAACACCCAAATTTGA
 TGTGATTCTTCTGGAACCCCTTTAGAAGAATATTACAGAGAACTGGCATCACTGCTAATGAAAAATGC
 TGGACTTGGGATGATATTATGAAGTTAGAAATTGATGAGATTGCAGCACCTCGATCATTTATTTTCTCT
 GGTGTGGTTCTGGGGAGGGGTTGGACCTTGAAGAGTGTGTTTACGAAAATGGGGTTACAGAAGATGTGA
 AGATATTTGTTGGATTAACCAATAAAAAACAATCCTGGGAAGACTAAGACTTTAGATCCAAAGGCTGTC
 TTTAGAGAACAAAGGAACACTGCCTCATGGGGATCAAAGGAAGTGTGAAGCGTAGCACAGACGGGGACT
 TCATTCATGCTAATGTTGACATTGACTTAATTATCACAGAAGAACCTGAAATTGGCAATATAGAAAAACC
 TGTAGAAATTTTTCATATAATTGAGCATTGTTGCTTGGTAGAAGACGCTTCATCTATTTGGAAGAGAT
 AGTACAATTCGACCAGGCTGGCTCACAGTTGGACCAACGCTTACAAATAGCAACTACAATGCAGAAACAT
 ATGCATCCTATTTGAGTCTCTAATTCCTACTTGACTGGTTGTACAGAAGAAATTGAGAGACTTCGACC
 AAAATCGCCTCTCCCAATCTAAATCTGACCGAGGAGGTGGAGCTCCAGAGGTGGAGGAAGAGGTGGA
 ACTTCTGCTGGCGTGGACGAGAAAGAAATAGATCTAAGTCCGAGGAGAAAGAGGTGGCTTTAGAGGGG
 GCCGTGGAGGAGCACACAGAGGTGGCTTTCCACCTCGA

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200925 protein sequence
 Red=Cloning site Green=Tags(s)

MDSRLQEIRERQKLRRQLLAQQLGAESADSIGAVLNSKDEQREIAETRETCRASYDTSAPNAKRKYLD
 ETDEDKMEEYKDELEMQQDEENLPYEEIYKDSSTFLKGTQSLNPHNDYCQHFVDTGHRPQNFIRDVGLA
 DRFEYYPKLRELIRLKDELIASNTPPMYLQADIEAFDIRELTPKFDVILPEPPEEYRETGITANEKC
 WTWDDIMKLEIDEIAAPRSFIFLWCGSGEGLDLGRVCLRWGYRRCEDICWIKTNKNNPGKTKTLDPKAV
 FQRTKEHCLMGIKGTVKRSTDGDFIHANVDIDLITEEPEIGNIEKPVEIFHIIIEHFLGRRRLHLFGRD
 STIRPGWLTVGPTLTNSYNAETYASYFSAPNSYLTGCTEEIERLRPKSPPPKSKSDRGGGAPRGGGRG
 TSAGRGRERNRSNFRGERGGFRGGRGGAHRGGFPFR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020961

ORF Size:

1368 bp

Buffer:

PBS with 0.001% Pluronic F68

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_020961.2</u>
RefSeq Size:	2138 bp
RefSeq ORF:	1371 bp
Locus ID:	57721
UniProt ID:	<u>Q9HCE5</u>
Cytogenetics:	4q26
MW:	52.2 kDa