

Product datasheet for **RC208648A1V**

Human **METT10D (METTL16) (NM_024086) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human METT10D (METTL16) (NM_024086) AAV Particle
Tag:	Myc-DDK
Symbol:	METT10D
Synonyms:	METT10D
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208648 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGAGTAAATCAATGCATGCAAGAAATAGATACAAGGACAAACCTCCTGACTTTGCATATCTGG
 CATCCAAATATCCAGATTTTAAGCAGCATGTTTCAGATAAATCTGAATGGAAGAGTGAGCCTTAATTTTAA
 AGACCCCGAAGCAGTCAGAGCTCTGACGTGACTCTCCTAAGGGAAGATTTTGGACTTTCTATTGATATT
 CCATTGGAGAGACTAATCCACAGTCCCTTGAGACTCAACTATATTCACTGGGTAGAAGATCTGATCG
 GTCACCAGGATTCTGACAAAAGTACTCTCCGAAGGGAATTGACATAGGCACGGGGGCATCTTGATCTA
 CCCCTTACTTGGAGCAACCTTGAATGGCTGGTATTTCTCGCAACAGAAGTGGATGATATGTGTTTCAAC
 TATGCAAAGAAAAATGTGGAACAGAATAACTTATCTGATCTCATAAAAGTGGTAAAAGTGCCACAGAAGA
 CACTCCTGATGGATGCTCTTAAAGAAGAACTGAGATAATCTATGACTTTTGCATGTGCAACCTCCCTT
 TTTTGCCAATCAATTGGAAGCCAAGGGAGTAACTCACGAAATCCTCGAAGACCTCCGCCTAGTTCTGTT
 AATACAGGAGGCATCACAGAGATCATGGCAGAAGGAGGTGAATTAGAGTTTGTTAAAAGGATCATCCATG
 ACAGTCTACAACCTAAAAAAGATTAAGATGGTATAGTGCATGCTGGGAAAGAAATGCAGCCTGGCGCC
 TCTGAAGGAGGAGCTTCGCATACAAGGGGTTCCCAAAGTAACGTACACTGAATTTCTGCAAGGTCGGACA
 ATGAGATGGGCCTTAGCTTGGAGTTTTATGATGATGTACAGTACCATCACCACCAAGTAAAGCGAAGAA
 AATTAGAGAAACCGAGAAAACCCATAACATTCGTGGTGTGGCGTCCGTGATGAAGGAATTATCCCTCAA
 AGCATCACCTCTGCGCTCGGAGACGGCGGAAGGCATAGTCGTTGTCACGACATGGATTGAAAAATTCTC
 ACTGATTTGAAGTCCAGCATAAACGAGTCCCTGTGGAAAAGAGGAAGTCAGCCTTTTCTAACGGCCA
 TAGAAAACCTCTGGATTCATTTAAGGAGAAAAGAGAGCGTGTGAGACAGCTGAGAGAAAGTTCCCCG
 AGCTCCTGAGGACGTCAATTCAGGCCTTGAAGAGAAAAAGCCACCCCAAGAGTCTGGCAATAGCCAA
 GAACTGGCCAGGGGCCCCAGGAGAGGACCCCTGTGGCCTGCTCTGCGGGAAGGCGAGGCTGCCGCTG
 TGGAGGGCCCGTCCCGAGCCAGGAGTCCCTGTCCAGGAGGAAAACCCGGAACCCAGGAGGATGAAAG
 GAGTGAGGAAAAGGGAGGGTGGAGTTTTGAAAAATTGTCAAGGCTCTAGCAACGGAGCCAGGACCAA
 GAGGCTTCTGAGCAGTTCGGCAGCCAGTGGCTGAAAGGGGAAACGTCTCCAGGAGTGGCCGGACAGT
 ACCTGTTAAGTGTGATAAACGTTAAGAAGGAGTGGACGATGCCTTAGTGGAGATGCACTGGGTTGA
 GGGCCAGAACAGGATCTGATGAACCAGCTTGCACCTACATACGTAACCAAATTTTTCAGGCTTGTGCA
 GTTAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208648 protein sequence
 Red=Cloning site Green=Tags(s)

MALSKSMHARNRYKDKPPDFAYLASKYPDFKQHVQINLNGRVSLNFKDPEAVRALTCTLLREDFGLSIDI
 PLERLIPTVPLRLNYIHWVEDLIGHQSDKSTLRRGIDIGTGASCIYPLLGATLNGWYFLATEVDDMCFN
 YAKKNVEQNNLSDLIKVVKVPQKTLMDALKEESEIIYDFCMCNPPFFANQLEAKGVNSRNPFRPPSSV
 NTGGITEIMAEEGELEFVKRIIHDSLQLKRLRWYSCMLGKKCSLAPLKEELRIQGVPKVYTFECQGR
 MRWALAWSFYDDVTVPSPPSKRRKLEKPRKPIFVVLASVMKELSLKASPLRSETAEGIVVVTWIEKIL
 TDLVKQVHKRVPCGKEEVSFLTAIENSWIHLRRKRERVRQLREVPRAPEDVIQALEEKKPTPKESGNSQ
 ELARGPQERTPCGPALREGEAAVEGPCPSQESLSQEENPEPTEDERSEEKGGVEVLENCQSSNGAQDQ
 EASEQFGSPVAERGRKRLPGVAGQYLFKCLINVKKEVDDALVEMHWEVQNRDLMNQLCTYIRNQIFRLVA
 VN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_024086
ORF Size:	1686 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_024086.3</u> , <u>NP_076991.3</u>
RefSeq Size:	5758 bp
RefSeq ORF:	1689 bp
Locus ID:	79066
UniProt ID:	<u>Q86W50</u>
Cytogenetics:	17p13.3
MW:	63.6 kDa