

Product datasheet for **RC209287A1V**

Human MEAK7 (TLDC1) (NM_020947) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MEAK7 (TLDC1) (NM_020947) AAV Particle
Tag:	Myc-DDK
Symbol:	KIAA1609
Synonyms:	KIAA1609; mEAK-7; TLDC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209287 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAACAGCAGAAGCCGTGTGGGGCGGAGCTTTTGTTCACAGTTTCTTCTGAGGAACAGGCAGAGA
 TTGATCAATTGTTTGATGCTCTGTATCAGATAAAAACAGCCGAATGTCTCATCAAATCCTTCTCTCT
 GAAGGCACTACAGAACCACGTCGGGGAAGCTCTTCCCCCAGAGATGGTACCAGGCTGTATGATGGCATG
 CGGAGGGTCGACCTGACAGGGAAGGCGAAGGGACCCAGTGAGAACGTGTCCAGGAGCAGTTACAGCAT
 CCATGTCCACCTGTTGAAAGGAACTCCGAGGAGAAGAGTCTCATGATTATGAAATGATTTCTGCCAC
 AGAAGGTCCCGTGAAGGCCAGAGAAGTCCAAAAGTTTACAGAGGATCTGGTTGGCTCTGTGGTGCACGTG
 CTAAGCCACAGACAGGAGCTGAGAGGCTGGACTGGGAAGGAAGCCCCAGGGCCCAACCCCGGGTGCAGG
 TGCTGGCTGCTCAGCTGCTCTGACATGAAGCTGCAAGATGGCAAGAGACTTCTGGGGCCCCAGTGGCT
 GGACTATGACTGTGACCGAGCTGTGATCGAGGACTGGGTGTTCCAGGGTCCCCATGTGGCCATATTCCTG
 AGTGTGGTCATTTGCAAGGGCTTTCTCGTCCTGTGCTCGTCTCTTGATCTGACTACCCTGGTCCCTGAGC
 GTCAAGTGGACCAGGGCAGGGGTTTTGAGAGCATCCTGGATGTCTCTGTCTATGTACATCAACGCCCA
 GCTGCCTCGGGAGCAGCGGCACCGCTGGCGCTGCTCTTTTCTGCTGAGCTCCATGGACACAGCTTCTCC
 CAGCTCTGTGGCCACATCACTACCGGGGACCTGTGTGGCTGTCTCGAGGACCATGACAAGCATGTGT
 TCGGTGGGTTTGCTCTTGTCTTTGGGAGGTGAAGCCTCAGTTTCAAGGGGACAACAGATGCTTCCTGTT
 CTCCATCTGCCCCAGCATGGCTGTGTACACACACACGGGCTACAACGACCACTACATGTACTTGAACCAT
 GGACAGCAGACGATCCGAACGGACTGGGTATGGGGGGCAGCACAATTACTTTGGGCTTTGGGTGGATG
 TTGATTTTGGGAAAGGACACAGCAGAGCCAAGCCACGTGCACCACGTACAACAGCCCGCAGCTGTCGGC
 TCAGGAGAACTTCCAGTTTGATAAGATGGAGGTGTGGCGGTTGGAGACCCCTCAGAGGAGCAGTTGGCC
 AAGGGCAACAAGAGCATCCTGGATGCGGACCCTGAGGCCAGGCCCTGTGGAGATCAGTGGGCATTTCG
 GCCACAGCGAAGGGCTCCGGGAAGTCCCGGACGATGAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209287 protein sequence
 Red=Cloning site Green=Tags(s)

MGNSRSRVGRSFCQFLPEEQAEIDQLFDALSSDKNSPNVSSKSFSLKALQNHVGEALPPEMVTRLYDGM
 RRVDLTGKAKGPSENVSQEQFTASMSHLLKGNSEKSLMIMKISATEGPVKAREVQKFTEDLVGSVVHV
 LSHRQELRGWTGKEAPGNPRVQVLAQQLSDMKLQDGKRLGQPWLVDYCDRAVIEDWVFRVPHVAIFL
 SVVICKGFLVLCSSDLTTLVPERQVDQGRGFESILDVLSVMYINAQLPREQRHRWRLFSSELHGHSFS
 QLCGHIHTRGPCVAVLEDHDKHVFGGFASCSWEVKPQFQGDNRCLFSICPSMAVYTHGTGYNDHYMYLNH
 GQQTIPNGLMGQGHNYFGLWVDVDFGKGHSRAKPTCTTYNSPQLSAQENFQFDKMEVWAVGDPSEEQLA
 KGNKSILDADPEAQALLEISGHSRHSGLREVDPDE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020947

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_020947.2</u>
RefSeq Size:	5031 bp
RefSeq ORF:	1371 bp
Locus ID:	57707
UniProt ID:	<u>Q6P9B6</u>
Cytogenetics:	16q24.1
MW:	51 kDa