

Product datasheet for **RC221014A1V**

Human EOMES (NM_005442) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EOMES (NM_005442) AAV Particle
Tag:	Myc-DDK
Symbol:	EOMES
Synonyms:	TBR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221014 representing NM_005442
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGTTAGGGGAGCAGCTCTTGGTGAGCTCAGTGAACCTGCCTGGCGCGCACTTCTACCCGCTGGAGA
 GTGCGCGAGGCGGCAGCGCGGGAGCGCTGGCCACCTCCCAGCGCGGCCCTCTCCTCAGAAGTTGGA
 CTTAGACAAAGCGTCCAAGAAGTTTCCGGCAGTCTCTCTGCGAGGCGGTGAGCGGGGAGCCCGCAGCC
 GCCAGCGCAGGGGCCCCCGCGGCCATGCTTAGTGACACCGACGCGGGGACGATTTGCCAGCGCTGCGG
 CAGTGGCCAAGCGGGGCCCCGGACGGCCGAAGGGTCCCCCTGCGGGGAGGAGGAGCTGCCCTCCGC
 CGCTGCAGCGCGCGCGCGCGCGCGCGCTGCGGCCACTGCGCGCTACTCCATGGACAGCCTGAGC
 TCCGAGCGGTACTACCTCCAGTCCCCCGGTCTCAGGGGTGCGAGCTGGCTGCGCCCTGCTCACTCTTCC
 CGTACCAGGCGCGGCTGGGGCGCCCCACGGACCTGTGTACCCGGCTCCTAACGGGGCGCGCTACCCCTA
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 GTTCACCCAGAGTCTCCTAATACTGGTCCCACTGGATGAGACAGGAGATTTATTTCGGGAAATTTAAAC
 TCACCAATAACAAAGGCGCAAATAACAACAACCCAGATGATAGTCTTACAATCCTTACACAAATACCA
 ACCCCGACTGCATATTGTTGAAGTTACAGAGGATGGCGTGGAGGACTTGAATGAGCCCTCAAAGACCCAG
 ACTTTTACCTTCTCAGAAACGCAATTCATTGCAGTGACTGCCTACCAAAACACCGATATTACTCAACTAA
 AGATTGATCATAACCCCTTTGCAAAAGGCTTCAGAGACAACTATGATTATCCCATCAGATTGTCCCTGG
 AGGTGGTACGGCGTTCAATCCTTCTTCCCGAGGCCCTTTGTCAACACTTTACCTCAAGCCCGCTATTAT
 AATGGCGAGAGAACCGTGCCACAGACCAACGGCCTCTTTACCCCAACAGAGCGAAGAGGTGGCAACC
 CTCCCAGCGGTGGCTTGTACGCCTGTCCAGCAACCTGGGACCAACAACTAGACATCAGTTCTCTATGA
 ATCTGAATATACTTCTAGCACATTGCTCCCATATGGCATTAAATCCTTGCCCTTCAGACATCCCATGCC
 CTGGGGTATTACCCAGACCAACCTTTCTGCAATGGCAGGGTGGGAGGTGAGGTTCTTACCAGAGGA
 AGATGGCAGCTGGACTACCATGGACCTCCAGAACAAGCCCACTGTGTTCTCTGAAGATCAGCTCTCCAA
 GGAGAAAGTGAAGAGGAAATTTGGCTCTTCTTGATAGAGACACCCCTTCCATCAAATCTCTAGATTCC
 AATGATTACAGGAGTATACACAGTGCTTGTAAAGCGAAGCGGCTGTCTCTAGCAACTCCAGTAATGAAA
 ATTCACCTCCATAAAGTGTGAGGACATTAATGCTGAAGAGTATAGTAAAGACACCTCAAAGGCATGG
 AGGGTATTATGCTTTTTACAACTCCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221014 representing NM_005442 Red=Cloning site Green=Tags(s) MQLGEQLLVSSVNLPGAHFYPLESARGGSGGSAGHLPSAAPSPQKLDLDKASKKFSGSLSCEAVSGEPAA ASAGAPAAMLSDTDAGDAFASAAAVAKPGPPDGRKGSPCGEEELPSAAAAAAAAAAAAATARYSMDLS SERYYLQSPGPQGSELAAPCSLFPYQAAAGAPHGPVYPAPNGARYPYGSMLPPGGFPAAVCPPGRAQFGP GAGAGSGAGSSGGGGPGTYQYSQGAPLYGPYPGAAAAGSCGGLGGLGVPGSGFRAHVYLCNRPLWLKF HRHQTEMIITKQGRRMFPLSFNINGLNPTAHYNVFVEVVLADPNHWRFGGKQWVTCGKADNNMQGNKMY VHPESPNTGSHWMRQEISFGKCLKTNNKGANNNTQMIVLQSLHKYQPRLHIVEVTEGDVEDLNEPSKTQ TFTFSETQFIAVTAYQNTDITQLKIDHNPFAKGFDRDNYSSHQIVPGGRYGVQSFFPEPFVNTLPQARYY NGERTVPQTNGLLSPQQSEEVANPPQRWL VTPVQQPGTNKLDISSYESEYTSSTLLPYGIKSLPLQTSHA LGYYPDPTFPAMAGWGGRGSYQRKMAAGLPWTSRTSPTVFSQDLSKEKVKEEIGSSWIETPPSIKSLDS NDSGVYTSACKRRRLSPSNSSNENSPSIKCEDINAEYSKDTSGKMGGYAFYTPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005442
ORF Size:	2058 bp
Buffer:	PBS with 0.001% Pluronic F8271
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_005442.2</u>
RefSeq Size:	2756 bp
RefSeq ORF:	2061 bp
Locus ID:	8320
UniProt ID:	<u>O95936</u>
Cytogenetics:	3p24.1
MW:	72.6 kDa