

Product datasheet for **RC211486A1V**

Human EYA4 (NM_004100) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EYA4 (NM_004100) AAV Particle
Tag:	Myc-DDK
Symbol:	EYA4
Synonyms:	CMD1J; DFNA10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211486 representing NM_004100
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGACTCCCAGGATTTAAATGAACAATCAGTAAAGAAAACGTGCACAGAATCAGATGTTTCACAAT
 CTCAGAATTCAGGTCTATGGAAATGCAGGACCTAGCAAGTCCTCATACTCTTGTGGAGGTGGTGATAC
 TCCAGGTAGCTCCAACTGGAATAATCTCAGCAGCACATCAGTTACTACAAATGGGACAGGAGGG
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 TGACACTTTTACTGGTCAGTAATTACAAGTAGTGGCTACAGCCCGATCAGCACATCAGTATCCCA
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 TAAGGGCAGAGATTGAAGGTCTGACAGATTCTGGCTAACAAATGCACTTAAGTCTTTATCAATTATTAG
 CACTAGGAGTAAGTGCATAAATGTCTTGGTAACGACAACCTCACTGATCCAGCACTTGCAGAGGTTCTA
 CTCTATAGTTTAGGAGGTGCTTTCCCATTTGAGAATATTTACAGTGCACTAAATAGGAAAAGAAAGTT
 GCTTTGAACGAATAATGCAAGGTTTGGCAGAAAAGTAGTGTATGTTGTAATTGGGGATGGTGTAGAAGA
 AGAACAGGCAGCAAAAAGCACAAATGCCCTTCTGGAGGATATCCAGTCACTCAGACCTCTGGCTCTC
 CACCAAGCACTGGAATTAGAGTATTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211486 representing NM_004100 Red=Cloning site Green=Tags(s) MEDSQDLNEQSVKKTCTESDVSQSQNSRSMEMQDLASPHLTVGGGDTPGSSKLEKSNLSSTSVTTNGTGG ENMTVLNTADWLLSCNTPSSATMSLLAVKTEPLNSSETTATTGDGALDTFTGSVITSSGYSPRSAHQYSP QLYPSKPYPHILSTPAAQTMSAYAGQTQYSGMQQPAVYTAYSQTGQPYSLPTYDLGVMLPAIKTESGLSQ TQSPLQSGCLSYSPGFSTPQPGQTPYSYQMPGSSFAPSSSTIYANNSVSNSTNFSGSQQDYPSYTAFGQNQ YAQYYSASTYGAYMTSNNTADGTPSSSTYQLQESLPGLTNQPGFDTMQSPSTPIKDLDERTCRSSGSK SRGRGRKNPNPPPSDLERVFVWDLDETIIIVFHSLLTGSYAQKYGKDPMAVTLGLRMEEMIFNLADTH LFFNDLEECDQVHIDDVSSDDNGQDLSTYSFATDGFHAAASSANLCLPTGVRGGVDWMRKLAFRYRRVKE LYNTYKNNVGGLLGPAKRDWLQLRAEIEGLTDSWLTNALKSLSIISTRNCINVLVTTTQLIPALAKVL LYSLGGAFPIENIYSATKIGKESCFERIMQRFGRKVYVVYVIGDGVEEEQAACKHNMPFWRISSHDLLAL HQALELEYL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004100
ORF Size:	1917 bp
Buffer:	PBS with 0.001% Pluronic F6726
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_004100.2</u>
RefSeq Size:	3077 bp
RefSeq ORF:	1920 bp
Locus ID:	2070
UniProt ID:	<u>O95677</u>
Cytogenetics:	6q23.2
MW:	69.3 kDa