

Product datasheet for **RC214368A1V**

Human CHES1 (FOXN3) (NM_001085471) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHES1 (FOXN3) (NM_001085471) AAV Particle
Tag:	Myc-DDK
Symbol:	CHES1
Synonyms:	C14orf116; CHES1; PRO1635
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214368 representing NM_001085471
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTCCAGTCATGCCTCCCAGTAAGAAGCCAGAAAGCTCAGGAATTAGTGTCTCCAGTGGACTGAGTC
 AGTGTTACGGGGCAGCGGTTTCTCCAAGGCCCTCAGGAAGACGATGACCTCGACTTTTCTCTGCCTGA
 CATCCGATTAGAAGAGGGGGCCATGGAAGATGAAGAGCTGACCAACCTGAACTGGCTGCACGAGCAAG
 AACTTGCTGAAGAGCTTTGGGGAGTCGGTCCTCAGGAGTGTACGCCCGTCCAGGACCTGGACGATGACA
 CCCCCCATCCCCTGCCACTCTGACATGCCCTACGATGCCAGGCAGAACCCCAACTGCAAAACCCCTA
 CTCCTTACAGTGCCTCATATTTATGGCCATCGAGGACTCTCAACCAAGCGCCTGCCAGTGAAGGATATC
 TACAACTGGATCTTGAACATTTCCGTATTTGCAAATGCACCTACTGGGTGGAAAACTCAGTGAGAC
 ACAATTTATCATTGAATAAGTGTTTAAGAAAGTGACAAAGAGAGGAGTCAGAGTATTGGGAAAGGTC
 GTTGTGGTGCATAGACCCAGAGTATAGACAAAATCTAATTCAGGCTTTGAAAAGACACCTTATACCCA
 CACCCACACGTGTTCAATACACCTCCCACCTGTCTCAGGCATATCAAAGCACATCAGGTCCACCCATCT
 GGCCGGCAGTACCTTCTCAAGAGAAATGGAGCCCTTCTCAAGATCCTGACATTGATGCTGCCAGTGC
 CATGATGCTTTTGAATACTCCCCTGAGATACAAGCAGTTTTCTCCAGGAGTGATCCAAAATGGAGCG
 CGGGTCTGAGCCGAGGGCTGTTTCTGGCGTGCAGCCGCTGCCAATCACTCCCATTGGGGTGACAGCG
 CCATGAGGAATGGCATCACCACTGCCGGATGCCGACTGAGAGTGAGCCATCTTGTGGTCCCCAGTGGT
 CAGCGGAGACCCCAAGGAGGATCACAACACAGCAGTGCCAAGTCTCCAACGCCGGAGCACCTCGCCC
 ACCAGCGACTCCATCTCTCTCTCTCTCTCAGCCGACGACCACTATGAGTTTCCACCAAGGGGAGCC
 AGGAGGGCAGCGAGGGCAGCGAGGGGAGCTTCCGGAGCCACGAGAGCCCAGCGACAGGAAGAGGACGA
 CAGGAAGCACAGCCAGAAGGAGCCCAAGGATTCTCTGGGGACAGCGGGTACGCATCCCAGCACAAAGAAG
 CGCCAGCACTTCGCCAAGGCCAGGAAGTCCCCAGCGACACACTGCCCTCAAAGAGAGCGCACCGAAA
 AGCCCCCGAGAGCGATGATGAGGAGATGAAAGAAGCGGCAGGGTCCCTCCTGCCTTAGCAGGGATCCG
 GTCCTGTTGAATAACATCACCAATCGGACGGCAAAGGGGCAGAAAGAGCAAAGGAAACCACAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214368 representing NM_001085471
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MGPVMPPSKKPESSGISVSSGLSQCYGSGFSKALQEDDDLDFSLPDIRLEEGAMEDEELTNLNWLHESK
 NLLKSFGESVLRVSPVQDLDDDTPPSPAHSMPYDARQNPCKPPYSFSLIFMAIEDSPTKRLPVKDI
 YNWILEHFPYFANAPTGWKNSVRHNLNLNCKFKKVDKERSQSIGKSLWCIDPEYRQNLIQALKKTPYHP
 HPHVFNTPTCPQAYQSTSGPPIWPGSTFFKRNALLQDPDIDAASAMLLNTPPEIQAGFPPGVIQNGA
 RVLRSGLFPGVRPLPITPIGVTAAAMRNGITSCRMRTSESPSCGSPVVSVDPKEDHNYSSAKSSNARSTSP
 TSDSISSSSSADDHYEFATKGSQEGSEGSEGSFRSHESPSDTEEDDRKHSQKEPKDSLGDSGYASQHKK
 RQHFARKKVPDTPPLKRRTEKPPESDDEEMKEAAGSLLHLAGIRSLNINRTAKGQKEQKETTNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001085471

ORF Size:

1470 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_001085471.1</u>
RefSeq Size:	7856 bp
RefSeq ORF:	1473 bp
Locus ID:	1112
UniProt ID:	<u>O00409</u>
Cytogenetics:	14q31.3-q32.11
MW:	53.7 kDa