

## Product datasheet for **RC207258A1V**

### Human ZNF92 (NM\_007139) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF92 (NM_007139) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF92
Synonyms:	HEL-203; HPF12; HTF12; TF12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC207258 ORF sequence, **codon optimized**.  
**Due to the complexity of NM\_007139, the ORF clone is codon optimized for mammalian Expression.**  
**The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.**

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGC**C

ATGTTGACAAGACCCAGTGATGTGCTCCACTTCGCTCAGGACGTCTGGCCGAACACAGCATTAAAGACTCTTTTCAGAAAGTCATACTCAGAAGTACGGGAAGTACGGGCATGAAAATCTTCAGCTTCGGAAAGACCAAGTCCGTGGATGCTTGAAGGTGTACAAAGCGGGTATAACGGGCTGAATCAGTGTTCGACTACA  
ACTGATCCAAGATTTTCAGTGTGACAAATACGTTAAAGTGTTCATAAATCCCAACGTTAATCGCAACAAGTCCGGCACACGGGAAAAAACATTCAAGTGAAGAATCGCGGCAAAAGCTTTTGCATGTTGTCACAGCTCACTCAGCACAAAAAGATCCATACGCGAGAGTACAGTTACAAGTGTGAGGAATGTGGCAAGGCTTTAACTGGTCTAGCACCTTGACTAAACATAAGATTATACACACCGGGAAAAACCCTATAAGTGTGAGG  
AATGCGGAAAGCTTTAATCGCTCTAGTAACCTCACAAAACACAAGATCATAACACCGGGGAGAAACCATACAAATGTGAAGAGTGTGGCAAGGCCTTTAACAGGTCTCCACTGACAAAGCATAAGCGGATTCACACTGAGGAGAAGCCTTACAAGTGCAGGAGTGCAGGCAAGGCTTTAACCAATTCTCTATCCTCAACAAAC  
ACAAAAGGATCCATATGGAGGATAAACCTACAATGTGAAGAGTGTGGCAAAGCGTTTCGCGTCTTTCTATTCTGAAGAAACACAAAATCATCCACACCGGGAAAAACCCTATAAATGCGAAGAATGTGGCAAGGCA  
TTCAATCAGTTTCACTTACCAAAACACAAGATCATTATACCGGGGAGAAGCCATATAAGTGTGATGAATGCGCAAGGCTTTCAACAGTCTAGCACGCTCACTAAGCATAAACGCATCCACACCGGCGAGAAGCCCTACAAATGCGAGGAGTGTGGCAAGGCTTTCAAGCAGTCCAGCACTCTGACCGAACATAAAATCATCCAC  
ACCGGAGAAAAGCCTTATAAATGCGAAAAGTGCAGGCAAGGCTTTTCTGGTCTTCAGCGTTTACTAAACATAAAAGAAATCACATGGAAGACAAGCCATAACAAGTGTGAAGAGTGCAGGAAAGGCTTTAGCGTCTTCTCTACCCTGACAAAACACAAGATCATCCACACGCGGAGAAGCCCTACAATGCGAGGAGTGCAGGCAAGGCA  
TTAATCAGTCTTCTATCTTCAAAAACACAAAATCATCCATACCGAAGGAAATCTTATAAATGTGAGAAGTGCAGCAATGCTTTCAACCAGAGCAGTAACCTGACTGCTAGGAAGATAATATACCGGAGAGAAACC  
GTACAAGTACGAAGAGTGTGATAAAGCATTCAACAAGTTTCAACGCTGATTACTACCAAAATCATTTACACCGGGAAAAAGCCCTGTAACACGAATGCGGCAGAGCATTCAATAAGAGCAGCAACTATACCAAGGAA  
AACTGCAGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC207258 representing NM\_007139  
Red=Cloning site Green=Tags(s)

MVDKTPVMCSHFAQDVWPEHSIKDSFQKVIILRKYGHENLQLRKDHKSVDAKVVYKGGYNGLNQCLTT  
TDSKIFQCDKYVYVFKFPNVNRNKIRHTGKPKFKCKNRGKSF CMLSQLTQHKKIHTREYSYKCEECGKA  
FNWSSTLTKHKIIHTGEKPYKCEECGKAFNRSSNLTKHKIIHTGEKPYKCEECGKAFNRSSLT  
TEEKPYKCEECGKAFNQFSILNKHKRIHMDKPYKCEECGKAFRVFSILKHKIIHTGEKPYKCEECGKA  
FNQFSNLTKHKIIHTGEKPYKCEECGKAFNQSSLT  
TKHKRIHTGEKPYKCEECGKAFKQSSLT  
TEHKIIHTGEKPYKCEECGKAFSWSSAFTKHKRNHMDKPYKCEECGKAFSVFSTLTKHKIIHTREKPYKCEECGKA  
FNQSSIFTKHKIIHTEGKSYKCEKCGNAFNQSSNL  
TARKIIYTGKPYKYEECDKAFNKFSTLITHQIIY  
TGEKPKHECGRAFNKSSNYTKEKLQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_007139
<b>ORF Size:</b>	1551 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_007139.2</a></u> , <u><a href="#">NP_009070.2</a></u>
<b>RefSeq Size:</b>	3093 bp
<b>RefSeq ORF:</b>	1554 bp
<b>Locus ID:</b>	168374
<b>UniProt ID:</b>	<u><a href="#">Q03936</a></u>
<b>Cytogenetics:</b>	7q11.21
<b>MW:</b>	60.2 kDa