

Product datasheet for **RC226042A1V**

Human ZNF195 (NM_001130520) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF195 (NM_001130520) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF195
Synonyms:	HRF1; ZNFP104
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC226042 ORF sequence, **codon optimized**.
 Due to the complexity of NM_001130520, 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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACTTTGCTGACCTTTCTGGGATGTCGCCATTGAATTCAGTCTGGAAGAATGGAAGTGCCTGGATCTGG
 CTCAGCAAACTTGTACAGGGATGTAATGCTGGAAAATTACCGCAACCTGTTCACTGTCGGGCTGACCGT
 GTGTAAGCCAGGGCTCATTACATGTCTTGAACAGCGGAAGGAGCCCTGGAATGTGAAACGCCAAGAGGCT
 GCCGACGGGCATCCAGAGATGGGCTTCCATCACGCAACCCAGGCTTGTCTCGAACTCCTGGGCTCATCTG
 ACCTGCCCGCTAGCGCGTCTCAGTCTGCTGGAATCACGGGGGTGAACCATCGGGCTCAGCCTGGCCTGAA
 CGTTAGTGTAGACAAATTCACCGCCTTGTGTAGCCCTGGGGTCTGCAAACTGTGAAGTGGTTTCTGGAG
 TTTTCGCTGATTTTCTAGTCTGGCCATGAGCTCACACTTCACTCAGGACCTTTGCCTGAGCAGGGAATTC
 AGGACGCATTTCTAAGCGGATCCTCCGGGGTTACGGGAATTGTGGGCTGGACAACCTTTACCTGCGCAA
 GGATTGGGAATCTTTGGACGAATGTAAGCTGCAGAAGGATTACAACGGCTGAACCAAGTCTCTTCTACC
 ACTCATAGTAAGATCTTCCAGTATAACAAGTACGTAATAATCTTCGATAACTTTTCTAACTTGCACCGCA
 GAAATATATCCAACACCGGTGAGAAGCCCTTTAAATGTCAGGAATGCGGGAAGTCATTTTCAGATGCTCAG
 TTTTCTCACAGAACCAAAAAATCCACACCGCAAGAAGTTTCAGAAGTGCGGTGAGTGCAGGGAAGACC
 TTTATCCAGTGCTCCCATTTTACTGAGCCTGAAAAATATTGACACAGGTGAGAAGCCATATAAATGTCAGG
 AGTGCAATAATGTCATCAAGACCTGTTCTGTGCTGACCAAGAAGAGGATTTACGCAGGAGGAGAACAATA
 CCGCTGTGAGGAGTTCGGGAAAGTGTTTAACCAAGTGCAGCCACCTTACGGAACACGAGCATGGCACTGAG
 GAAAAGCCCTGCAAGTATGAAGAGTGCAGCAGTGTTCATCTCCTGTTTCATCCCTGAGTAACCAAGCAGA
 TGATCCTGGCCGGCGAGAAATTGAGCAATGCGAAACCTGGTACAAAGGATTCAACCACTCACCTAATCC
 TTCTAAACATCAAAGAAATGAGATAGGAGGAAAACCTTTCAAGTGTGAGGAATGTGATTCATTTTAA
 TGGTTTAGTGACCTGACTAAGCACAAGCGGATTCACACTGGCGAGAAGCCATACAAGTGTGATGAGTGCG
 GGAAGGCCTACACTCAAAGTTCTCATCTCTCAGAACATCGCCGATTACACCGGCGAGAAGCCCTACCA
 GTGTGAGGAATGCGGCAAGGTATTACAGACCTGTAGCAGCCTCTCAAATCACAAGAGGACCCACAGTGAG
 GAGAAGCCATATACCTGTGAGGAGTGCGGAAACATATTTAAGCAGCTTAGCGACCTGACCAAAACACAAGA
 AGACCCATACAGGAGAGAAACCTTACAAGTGCAGCAATGCGGAAAAAATTCACACAGTCATCCAATCT
 GATCGTTCACAAGAGAAATACACTGGCGAGAAGCCCTACAAGTGCAGAGAGTGTGGTAGGGTATTCATG
 TGGTTCTCCGACATAACAAAGCACAAGAAGACTCATACTGGAGAGAAACCCTATAAGTGTGACGAGTGCG
 GTAAAACTTTACGCAGAGTTCCAATCTGATCGTGCATAAGCGCATACATACCGGAGAGAAACCATACAA
 GTGCGAGAAATGCGGAAAAGCCTTTACCCAGTTTAGCCACCTGACAGTGCATGAGAGCATCCATACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226042 representing NM_001130520 Red=Cloning site Green=Tags(s) MTLLTFRDVAIEFSLEEWKCLDLAQQLYRDVMLENYRNLF SVGLTVCKPGLITCLEQRKEPWNVQRQEA ADGHPMEGFHHATQACLELLGSSDLPASASQSAGITGVNHRAQPGLNVSVDKFTALCSPGVLQTVKWFLE FRCIFSLAMSSHFTQDLLPEQGIQDAFPKRILRGYGNCGLDNL YLRKDWESLDECKLQKDYNGLNQCSST THSKIFQYNKYVKIFDNFNLHRRNISNTGEKPFKCQECGKSFQMLSFLTEHQIHTGKKFQKCGECGKT FIQCSHFTEPENIDTGEKPYKCQECNNVIKTC SVLTKNRIYAGGEHYRCEEFGKVFNQCSHLTEHEHGTE EKPCYEECSSVFISCSLSNQQMILAGEKLSKCETWYKGFNHSNPSKHQRNEIGGKPFKCEECDSIFK WFSDLTKHKRIHTGEKPYKCDECGKAYTQSSHLSEHRRHTGEKPYQCEECGVFRTCSSLSNHKRTHSE EKPYTCEECEGNIKFQQLSDLTKHKKTHTGEKPYKCDECGKNFTQSSNLIVHKRIHTGEKPYKCEECGRVFM WFSIDITKHKKTHTGEKPYKCDECGKNFTQSSNLIVHKRIHTGEKPYKCEKCGKAFQFSLTVHESIHT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001130520
ORF Size:	1887 bp
Buffer:	PBS with 0.001% Pluronic F8970
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_001130520.1, NP_001123992.1</u>
RefSeq Size:	3187 bp
RefSeq ORF:	1890 bp
Locus ID:	7748
UniProt ID:	<u>O14628</u>
Cytogenetics:	11p15.4
MW:	72.3 kDa