

Product datasheet for **RC213474A1V**

Human ZNF586 (NM_017652) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF586 (NM_017652) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF586
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213474 ORF sequence, **codon optimized**.
 Due to the complexity of NM_017652, 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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGCAGCTGCAGCCGCTCTGCGCGCTCCTGCTCAGAGCAGTGTACCTTTGAGGATGTAGCCGTGAATTTCAGCCTGGAAGAGTGGTCTTTGTTGAACGAGGCCAGAGATGCCTGTATAGGGATGTATGCTGGAGACACTGACCCTGATTTCACTACTGGGTGTTGGCACGGCGCGCAAGATGAGGCTGCCCAAGCAAGCAGTCAACATGCATCCACATTTATAAGGACCAGGTGGACATAGCGGGGAGCGGCCATACGAATGCGGCGAGTACCGAAACTGTTCAAAAACAAATCATGCCTGACTGAGCCCAGAAGGGATCACAAGCACAGAAACGTCGCCACCGAGAGCGCCCATATGAGTGCTCTAAGTATGGAAGCTCTCCATCAGAAGCCCACTCTCCATATTACAGAAAGATTTACACCGGCCAGAAGACATATGAATGTAGTGAGTGCGGCAAGAGCTTCCATCAAAGTAGCAGCCTGCTCCAAAGACAGACCCTTACACCAGAGAAAGACCATACGAATGTATTGAGTGCGGAAAAGCCTTGCTGAAAAGAGTTCCCTGATAAATCACAGAAAGGTTCAATCCGGAGCTAAGCGCTACGAATGCAATGAATGTGGTAAATCTTTGCATACACATCTAGCCTGATCAACATCGCCGATTACACCGGAGAGAGGCCCTATGAGTGTTCCGAATGTGGAAGATCTTCGCCGAGAATTCCTCACTGATAAAGCACCTGCGCGTCCATACCGGGGACGACCCTACGAATGTGTAGAGTGTGGGAAGTCTTCCGGCGATCTTCTCACTCCTCCAGCATCAGCGGTCCACACTAGGGAAGACCGTACGAGTGTAGCGAGTGTGGCAAGTCCTTTCCCTCAGAAGCACTTGATACACCATCAGCGGTTTCATACCGCGAGCGCCATGAATGCGGGCAGTGTGAAAGTCATTGAGCCGAAGAGTTCCCTGATTATCCATCTGAGAGTGCATACCGGAGAAAGGCCTTATGAATGTTCTGACTGCGCAAGTCCTTCGCCGAAAATAGCTCTCTCATCAAACTTGAGGGTGCACACCGGGGAACGGCCCTACGAGTGTATAGACTGCGGTAAGTCCTTCGACACAGCAGCTCCTTTAGACGGCACAGAGGTACACACAGGATGCGCCCATATAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213474 representing NM_017652

Red=Cloning site Green=Tags(s)

MAAAAALRAPAQSSVTFEDVAVNFSLEEWSSLLNEAQRCLYRDVMLETLTISSLGCWHGGEDEAAPSQSTCIHIYKDQGGHSGERPYESGGEYRKLKFNKSCLTEPRDHKHNVRTGERPYECSKYGLFHQKPTLHIHERFHTGQKTYECSECGKSFHQSSLLQRQTLHTRERPYESIECGKAFKSSLINHRKVHSGAKRYECNECGKSFAYTSSLIKHRRIHTGERPYECSECGRFAENSSLIKHLRVHTGERPYECVECGKSFRRSSLLQHQRVHTRERPYESECGKSFSLRSNLIIHQRVHTGERHECGQCGKFSRKSLLIHLRVHTGERPYECSDCGKSFENSSLIKHLRVHTGERPYECIDCGKSFRRSSFRHQRVHTGMRPYK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017652

ORF Size:

1206 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_017652.2, NP_060122.2</u>
RefSeq Size:	2196 bp
RefSeq ORF:	1209 bp
Locus ID:	54807
UniProt ID:	<u>Q9NXT0</u>
Cytogenetics:	19q13.43
MW:	46.4 kDa