

Product datasheet for **RC223565A1V**

Human ZNF257 (NM_033468) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF257 (NM_033468) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF257
Synonyms:	BMZF-4; BMZF4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223565 ORF sequence, **codon optimized**.
 Due to the complexity of NM_033468, 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**

ATGGGACCCCTTACCATCCGGGATGTGACAGTTGAATTCTCACTGGAAGAATGGCATTGTCTCGATACTG
 CCCAGCAGAACCTGTATCGAGATGTCATGTTGGAGAACTACCGAAATCTGGTTTTCTGGGTATTGCAGT
 GAGCAACCTGATCTCATTACATGCTTGGAGCAGGGCAAGGAGCCGTGTAATATGAAAAGACACGAAATG
 GTTGCAAAACCACCAAGTCATGTGTTACACATCGCGGAGGACCTTTGCCAGAGCGCGACATTAAGTATT
 TCTTCCAGAAGGTAATACTGAGGAGATATGACAAATGTGAACACGAAAACCTCCAGCTCAGGAAGGGATG
 CAAGAGTGTGGATGAATGTAAGGTCTGCAAGGGCGGTTACAACGGCCTGAACCAATGTCTTATTACGACT
 CAGAGTAAATGTATCAGTGTGACAAATACGTCAAAGTCTTTACAAGTTTAGCAATTCGACCGCCACA
 AAATAAGGCACACTGAAAAGAAGACCTGTAAATGTAAGGAATGTGGCAAAAGCTTCTGTATGCTCAGCCA
 GCTTACCAGGCATAACGAATACATATTCGAGAGAATAGTCACAAGTGCAGGAATGTGGAAAGGCTTTT
 AATCAGAGTTCGCATTGACACGGCACAAGATGACACATACAGGTGAGAAGCCGTATAAGTGTGAGGAGT
 GCGGGAAGGCATTTAACCGCTCCTCTCACCTGACTCAACACAAAGTTATCCACACAGAGAAAAGCCGTA
 TAAGTGCGAAGAATGTGGCAAGGCCTTCAATAGGAGCTCTCACATTACCAACATAAGCGGATCCATAAT
 CGGGAGAAGCCCTTTAAATATGATGAGTGTCTCAAGGCCCTTCAAGTGGAGTTCAAGTCTGACTACACTGA
 CACAGCACAAGCGGATCCATACCGGGGAGAAGCCATACAAATGCGAAGAATGCGGTAAGGCATTCAATCA
 GTCTTCAGCTCTGACCAGGCACAAGATGATCCACACCGGAGAGAAACCTTTCCAGTGTGAGGAGTGTGGG
 AAGGCATTTAATCGAAGTAGCCACCTGACTCAGCACAAAATTATCCATACAAAAGAAAAACCGTACAAGT
 GTGAAGAGTGCAGGAAGGCTTTTAACCGAAGCAGTCACCTGACGAAGCATAAGAGAATACACACCAGAGA
 GAAAGCATATAAATGCGACGAATATTGTAAGGCCTTCAATTGGTCTTCCGCACTGACCACCCTTACCCAG
 CACAAGATCATCCATACAGGTGAGAAGCCCTACAAGTGCAGGAATGTGGCAAAGCATTTAACCGGTCTT
 CTTACCTGATTAGACATAAAATCATCCACACAGGGGAGAAGCCCTACAAGTGCAGAGAGTGCAGCAAGGC
 CTTCAATCAGTCCAGCCACCTCACGCAGCATAAGATCATCCACACAGGAGAAAAGCCATACAAGTGTGAA
 GAATGTGGAAGGCTTTCAATCGGAGCTCACATCTCTCACAGCACAAGATCATCCATACGGGGGAGAAGC
 CTTATAAGTGTGAGGAGTGTGGAAGCCCTTTAACCGATTCTCCTACCTGACCGTCCATAAAGGATCCA
 TGCCGGAGAAAACCCCAACAAGTATGAGGAATGTGGGAAAGCCTGCAATCATTCTTCAACCTTACTAAA
 CATAATAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223565 representing NM_033468 Red=Cloning site Green=Tags(s) MGPLTIRDVTVEFSLEEWHLDTAQQNLYRDVMLENYRNLVFLGIAVSKPDLITCLEQGKEPCNMKRHEM VAKPPVMCSHIAEDLCPERDIKYFFQKVILRRYDKCEHENLQLRKGCKSVDECKVCKGGYNGLNQCLITT QSKMYQCDKYVKVFYKFSNSDRHKIRHTEKKTCKCKECKGSFCMLSQLTRHKRIHIRENSHKCEECKAF NQSSALTRHKMTHTGEKPYKCEECKAFNRSSHLTQHKVIHTREKPYKCEECKAFNRSSHITQHKRIHN REKPFKYDECCKAFKWSSALTTLTQHKRIHTGEKPYKCEECKAFNQSSALTRHKMIHTGEKPFQCEECK KAFNRSSHLTQHKIIHTKEKPYKCEECKAFNRSSHLTKHKRIHTREKAYKCDEYCKAFNWSSALTTLTQ HKIIHTGEKPYKCEECKAFNRSSYLIRHKIIHTGEKPYKCEECKAFNQSSHLTQHKIIHTGEKPYKCE ECKAFNRSSHLTQHKIIHTGEKPYKCEECKGKPFNRFSYLVHKRIHAGENPNKYEECKACNHSSNLTK HNS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_033468
ORF Size:	1689 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_033468.2, NP_258429.2</u>
RefSeq Size:	3550 bp
RefSeq ORF:	1692 bp
Locus ID:	113835
UniProt ID:	<u>Q9Y2Q1</u>
Cytogenetics:	19p12
MW:	65.8 kDa