

Product datasheet for **RC225851A1V**

Human ZSCAN30 (NM_001112734) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ZSCAN30
Synonyms:	ZNF-WYM; ZNF397OS; ZNF917
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225851 ORF sequence, **codon optimized**.
 Due to the complexity of NM_001112734, 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**CGATCGC**

ATGTCCGGCGAGGCAACAGTCTTGCTTACCACGCACCCGAAGAACAAGAGGGGCTCCTCGTTGTTAAGG
 TGGAGGAAGAAAATTACGTGCTCGACCAGGACTTTGGCCTGCAGGAGAATCCGTGGAGCCAGGAAGTGT
 TCGGCAGAAGTCCGGCAGTTAGTTACTCCGACGACTGGACCTCGAGAGGCACTTAGTCGGCTCAGG
 GAGCTCTGTTGCCAGTGGTTGAGGCCAGAGTCCACAGTAAAGAGCAGATATTGGAAGTCTTATGTTGG
 AGCAGTTTCTGGCAATCTTGCCGAGGAGCTTCAGGCCTGGCTGAGAGAACACAGACCCGAAACGGGGA
 GGAGGCGGTGACGATGCTCGAGGAGCTTGAAGAAGAGCTCGAGGAGCCAGGCAGCAAGACACCACTCAC
 GGACAGGAATGTTTTGGCAAGAGATGACCTCCACTGGGGCCCTTAAGTCTCTCTATTGAATTCACCAG
 TGCAGCCCCGGAGAATCAGTGCAAAACCGAAACGCAGGAGAGTCAAGCTTTTCAAGAGCGCATGGCAG
 AATGGTTGCAAGGAAAGTCTCATGGCAAGCAAGAGATTGTTGAGTGTGGCCAGTGCAGCTATGATA
 AGCCCCGGGAAGCTGCCTGGCGAGACTCATTCTCAGAGAATTGCCGAAGAAGCTCTGGGCGGCCCTTGATA
 ACTCTAAAAACAGAAGGGGAATGCCGCAGGAACAAGATTAGCCAGTTGCCTAGCCAGGACCGGCACTT
 CTCTCTGGCTACATTTAATCGGCGCATACCTACAGAACATAGCGTCTCGAAAGTCATGAAAGCGAAGGA
 TCCTTCAGCATGAACTCAAACGACATTACTCAGCAGAGCGTGGACACTAGGGAGAAGCTGTATGAGTGCT
 TCGATTGTGGAAAGGCATTTTGTCAATCTTCCAACTTATTCGCCACCAGAGGATCCACACCGGTGAGAG
 GCCTTACGCATGTAAGGAGTGTGGCAAGCTTTTAGCCTTTTCATCAGACCTGGTGCACACCAGAGAATC
 CATTCAAGGGAGAAGCCTTACGAATGTTGTGAGTGGGAAAAGCATTCCGAGGCTCCTCAGAGCTGATAA
 GACATCGGCGCATCCATACGGGAGAGAAGCCATATGAATGTGGCGAATGTGGCAAGGCTTTTCTCGGTC
 ATCTGCCCTTATTCAGCATAAGAAGATACACACTGGAGATAAGTCTTATGAATGTATCGCCTGTGGAAAG
 GCTTTTCGGAAGATCTTCCATCCTCATTGAACACCAGCGGATTCATACCGGAGAGAAACCTTACGAGTGCA
 ACGAATGCGGAAAAAGTTCAACCACTCATCTGCTCTGACACAGCACCAGCGAATCCACACAGGCGAAAA
 ACCTTATGAGTGACGCGAGTGCAGAAAACTTTTCGACACCGCTCCGGGCTCATGCAGCATCAGCGCACA
 CACACTCGAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC225851 representing NM_001112734
 Red=Cloning site Green=Tags(s)

MSGEATVLAYHAPEEQEGLLVKVEEENYVLDQDFGLQENPWSQEVFRQKFRQFSYSDSTGPREALSRLR
 ELCCQWLRPEVHSKEQILELLMLEQFLAILPEELQAWLREHRPENGEAAVTMLEELEKELEEPRQDTH
 GQEMFWQEMTSTGALKSLNSPVQPLENQCKTETQESQAFQERDGRMVAGKVLMAKQEIIVECVASAAMI
 SPGKLPGETHSQRIAEALGGLDNSKKQKGNAGNKSQLPQDRHFSLATFNRRIPTEHSVLESHESEG
 SFSMNSNDITQQSVDTREKLYECFDCGKAFQSSKLIHQRIHTGERPYACEKCGKAFSLSSDLVRHQRI
 HSGEKPYECECGKAFRGSSSELIRHRIHTGEKPYECECGKAFSRSSALIQHKKIHTGDKSYECIACGK
 AFRGSSILIEHQRIHTGEKPYECNECGKSFNQSSALTQHRIHTGEKPYECSECRKTFRHRSGMLMQHRT
 HTRV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001112734

ORF Size:	1482 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_001112734.1</u> , <u>NP_001106205.1</u>
RefSeq Size:	4122 bp
RefSeq ORF:	1485 bp
Locus ID:	100101467
UniProt ID:	<u>Q86W11</u>
Cytogenetics:	18q12.2
MW:	56.4 kDa