

Product datasheet for RC212815A1V

Human NANOS2 (NM_001029861) AAV Particle

Product data:

Product Type: AAV Particles

Product Name: Human NANOS2 (NM_001029861) AAV Particle

Tag: Myc-DDK

Symbol: NANOS2

Synonyms: NOS2; ZC2HC12B

Mammalian Cell Selection: None

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC212815 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCTGCCACCCTTCGACATGTGGAAGGACTACTTCAACCTGAGCCAGGTGGTGTGGGCGCTGATCG
 CAAGTCGGGGTCAAAGGCTGGAGACCAAGAGATTGAGGAGCCAAGTCCCGGGCCTCCGCTGGGGCAGGA
 TCAGGGGCTGGGGGCGCCAGGGGCCAACGGGGCCTGGGACCTGTGCAACTTCTGCAAGCACAAACGGG
 GAGTCCCGCCACGTCTACTCCTCACACCAGCTGAAGACACCGGATGGCGTGGTGGTGTGTCCCATCCTGA
 GGCACTACGTGTGTCCCGTGTGCGGGGCCACCGGTGACCAGGCCATACGCTCAAGTACTGCCCGCTTAA
 CGGTGGCCAGCAGTCCCTCTACCGCCGACGCGGCGCAACTCGGCCGGACGCAGGGTCAAGCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212815 protein sequence
 Red=Cloning site Green=Tags(s)

MLPPFDMWKDYFNLSQVWALIASRGQRLETQEIEPSPGPPLGQDQGLGAPGANGGLGTLGNFCKHNG
 ESRHVYSSHLKTPDGVVVCPILRHYVCPVCGATGDQAHTLKYCPLNGGQQSLYRRSGRNSAGRRVKR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001029861


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ORF Size:	414 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_001029861.1</u>
RefSeq Size:	1577 bp
RefSeq ORF:	417 bp
Locus ID:	339345
UniProt ID:	<u>P60321</u>
Cytogenetics:	19q13.32
MW:	15.1 kDa