

Product datasheet for **RC231359A1V**

Human ODF2 (NM_153436) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ODF2 (NM_153436) AAV Particle
Tag:	Myc-DDK
Symbol:	ODF2
Synonyms:	CT134; ODF2/1; ODF2/2; ODF84
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231359 representing NM_153436
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGACCAGCAAGGACCTCATCAGAATAGGTTTCCATCGTGTGGAAGAACGGAGTAACGAGTCTCA
 CGCAGAAAAAGGTCTTGAGAGCACCTTGTGGCGCACCCAGTGTAACTGTGACGAAATCTCACAAGCGAGG
 AATGAAAGGGGACACTGTGAATGTGCGGCGGAGTGTCCGGGTGAAAACCAAGGTACCTTGGATGCCCCCT
 GGAAAATCATCTGCCCGCCTGTGGGATGCAAGTGGGAGAATCCACCTCATTGCCTGGAGATCACGCCAC
 CATCTTCAGAAAAAGCTGGTCTCAGTGATGCGGTTAAGTGACCTCTCTACAGAAGATGATGACTCAGGTCA
 CTGTAAAATGAACGTTATGATAAGAAGATTGATAGTCTAATGAATGCGGTTGGTTGTCTGAAGTCTGAG
 GTCAAGATGCAAAAAGGTGAGCGCCAGATGGCCAAAAGGTTCTGGAGGAACGGAAGGAAGAGCTGGAGG
 AGGTGGCCACGAACTGGCTGAGACTGAGCAGCAGAGAACACGGTGTGAGGCACAACATCGAGCGCATGAA
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 AAGCGCGCCTGCTGTTACTGCTGCAAGACAAGGACAAGGAGGTGGAAGAGCTCCTTCAGGAAATACAATG
 TGAGAAGGCTCAAGCAAAGACAGCCTCTGAGCTTTCTAAATCCATGGAGTCCATGCGTGGGCATTTCAG
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 GTGGAGAGACTACACGTCAGACTGCTGAGTATTCCGCATTCAAGCTGGAGAATGAGAGGCTGAAGGCCA
 GCTTTGCTCCAATGGAGGACAACTCAACCAGGCACACCTCGAGGTCCAGCAGCTGAAGGCCTCAGTGAA
 GAACTATGAGGGGATGATTGACAACTATAAGAGTCAGGTGATGAAGACCAGATTGGAGGCTGATGAAGTA
 GCTGCCAGCTAGAACGCTGTGACAAAGAGAACAAGATCCTTAAAGATGAGATGAACAAAGAGATTGAGG
 CGGCACGAAGGCAGTTCCAGTCTCAGCTGGCTGACCTGCAGCAGCTCCCTGACATCCTGAAGATCACGGA
 GGCGAAGCTGGCTGAGTGCCAAGACCAACTGCAGGGCTATGAGCGGAAGAACATCGACCTCACAGCCATC
 ATATCAGACCTGCGCAGCCGGTAAGGGACTGGCAGAAAGGTTCCACGAACTGACCCGAGCAGGGGCC
 GCATACCAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231359 representing NM_153436 Red=Cloning site Green=Tags(s) MADQQGPHQNRFPSCGKNGVTSLTQKKVLRAPCGAPSVTVTKSHKRGMKGDTVNVRRSVRVKTKVPWMP GKSSARPVGCKWENPPHCLFITPPSSEKLVSMRLSDLSTEDDDSGHCKMNRDCKIDSLMNAVGLKSE VKMQKGERQMAKRFLEERKEELEVAHELAETEHENTVLRHNIERMKEEKDFTILQKKHLQQEKECLMSK LVEAEMDGAAAKQVMALKDTIGKLTQKMTCTDINTLTRQKELLQKLSTFEETNRTLRLDLREQHCK EDSERLMEQQGALLKRLAEADSEKARLLLLLQDKDKEVEELLQEIQCEKAQAKTASELSKSMESMRGHLQ AQLRSKEAENSRLCMQIKNLERSGNQHKAEEVAIMEQLKELKQKGDREKESLKKAIRAQKERAEEKSEEYA EQLHVQLADKDLVYAEALSTLESWSRYNQVVEKGDLELEIIVLNDRVTDLVNQQTLEEKMRDRDSL VERLHRQTAEYSFAKLENERLKASFAPMEDKLNQAHLEVQQLKASVKNYEGMIDNYKSQVMKTRLEADEV AAQLERCDKENILKDEMNKEIEAARRQFQSQLADLQQLPDILKITEAKLAECQDQLQGYERKNIDLTAI ISDLRSRVRDWQKGSHELTRAGARIPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153436
ORF Size:	1971 bp
Buffer:	PBS with 0.001% Pluronic F9950
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_153436.1, NP_702914.1</u>
RefSeq ORF:	1974 bp
Locus ID:	4957
UniProt ID:	<u>Q5BJF6</u>
Cytogenetics:	9q34.11
MW:	76.1 kDa