

Product datasheet for **RC206839A1V**

Human OGFOD1 (NM_018233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OGFOD1 (NM_018233) AAV Particle
Tag:	Myc-DDK
Symbol:	OGFOD1
Synonyms:	TPA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206839 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAATGGGAAGCGGCCAGCGGAGCCCGGCCAGCCGGGTGGGAAAAAGGAAAGAAGGAGGTGATGG
 CGGAGTTTTCGGACGCTGTACGAAGAAACCTTGAAAAAGCAGGTGGCTGAGGCCTGGAGCCGACGAC
 GCCGTTTCAGTCACGAAGTCATTGTATGGACATGGACCTTTTCTTCACTGTGTATCCCAAACCTTCATC
 CAAAGCCAAGACTTCTTAGAAGGGCTTCAGAAGGAAGTGAAGTGGACTTCCATGAGAAGTATAATG
 ATTTATATAAGTTCAGCAGTCTGATGATTTGAAGAAGAGAAGAGAGCCTCACATCTCCACTTTAAGGAA
 AATTCTGTTTGAAGATTTCCGGTCTGGCTTTCTGATTTTCTAAATTGACCTGGAATCAACATTGAC
 ATGCTCTGTGCTAAATATGAATCACTGATGCCCTGCTGTGCCATGATGATGAGCTGGAAGGGCGCCGGA
 TTGCTTCATCTGTACCTGGTTCCTCCCTGGACAGGAGCATGGGTGGTACCCTGGACCTGTACAGCAT
 TGATGAACACTTTCAGCCGAAGCAGATTGTCAAGTCTCTTATCCCTTCGTGGAACAACTGGTTTTCTTT
 GAAGTATCTCCTGTGTCTTTTACCAGGTGTCTGAAGTGTCTGAAGAAAAGTCACGTTTGTCTATAA
 GTGGCTGGTTTATGGTCCATCATTGACTCGGCCCTCCCACTACTTTGAACCCCCATACCTCGGAGCCC
 TCACATCCCAAGATCATGAGATTTTGTATGATTGGATCAACCCTACTTATCTGGACATGGATTACAA
 GTTCAAATTCAGAAGAGTTTGAAGAAAGTTCTGAAATTCCTCTGAAGGAGTTTCTTAAGCCTGAGAAAT
 TCACGAAAGTCTGTGAGGCCTTGGAGCATGGACATGTGAATGGAGCAGCCGAGGTCCCCTAACAAAAG
 GTTTTATGAGAAAGCTGAGGAGAGTAAGCTTCTGAGATATTGAAGGAGTGCATGAAGTTATTTGCTCT
 GAGGCACTATTCTGTGCTCTCAACTTCACAGGCCTGAAGCTTCATTTCTGGCCCCCTCGGAAGAAG
 ATGAGATGAATGATAAAAAAGAGGCAGAAACCACTGATCACTGAAGAAGGAGTACCATAGTCTCTCC
 TGAGCCAGAGAATAATCAGATGGCCATCAGCAACAACAGCCAACAGAGCAATGAGCAGACAGACCCAGAG
 CCAGAGGAAAATGAAACAAAGAAAGAAATCAAGTGTCCCATGTGCCAAGGGGAAGTGAAGCATTTGAAGA
 CCGGTCACTACACTTTAATTCATGACCATAGCAAGGCTGAATTTGCCCTAGACTTAATTTGTACTGTGG
 CTGTGAAGGCTGGGAGCCAGAATATGGCGTTTTACTTCTTACATTGCCAAAGGTGAAGATGAAGAGCTG
 CTAACAGTGAATCCAGAAAGCAATTCTTTGGCATTGGTCTACAGAGACAGAGAGACTCTGAAATTTGTCA
 AGCATATTAACCAACGAAGCCTGGAACAAAAGAAAACCTTCCCAACAGAACAGGTTTCTGGGACTTTTC
 ATTCATCTATTATGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206839 protein sequence
 Red=Cloning site Green=Tags(s)

MNGKRPAPGPARGVGGKGGKEVMAEFSDAVTEETLKKQVAEAWSRRTPF SHEVIVMDMPFLHCVIPNFI
 QSQDFLEGLQKELMNLDFHEKYNDLYKFQQSDDLKKRREPHISTLRKILFEDFRSWLSDISKIDLESTID
 MSCAKYEFTHDALLCHDDELEGRRIAFILYLVPWDRSMGGTLDLYSIDEHFQPKQIVKSLIPSWNKL VFF
 EVSPVSFHVQVSEVLSEKSRSLISGWFHGPSLTRPPNYFEPPIPRSPHIPQDHEILYDWINPTYLDMDYQ
 VQIQEEFEESSEILLKEFLKPEKFTKVCEALEHGHVWSSRGPNNKRFYEKAESKLP EILKECMKLF RS
 EALFLLLSNFTGLKLHFLAPSEEDMNDKKEAETTDITEEGTSHSPPEPENNQMAISNNSQSQSNEQTDPE
 PEENETKKESSVPMQGLRHWKTGHYTLIHDHKAFAFDLILYCGCEGWEPEYGGFTSYIAKGEDEEL
 LTVNPESNSLALVYRDRETLKFVKHINHRSLQKKTFPNRTGFWDFFSYIYYE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018233

ORF Size:	1626 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_018233.3</u>
RefSeq Size:	3020 bp
RefSeq ORF:	1629 bp
Locus ID:	55239
UniProt ID:	<u>Q8N543</u>
Cytogenetics:	16q13
MW:	63.2 kDa