

Product datasheet for RC225712A1V

Human Ghrelin O acyltransferase (MBOAT4) (NM_001100916) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Ghrelin O acyltransferase
Synonyms:	FKSG89; GOAT; OACT4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225712 representing NM_001100916
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGTGGCTTTGGCTGTTCTTTCTCCATCTATATCGTTTTACCAGGGGGCTGCATTTCCCTTTGCAC
TTCTCTTCAATTATCTCTGCATCATGGATTCATTCTCCACTCGTGCCAGGTACCTCTTCTCCTGACTGG
AGGAGGTGCCCTGGCCGTGGCTGCCATGGGTTCTACGCCGTGCTCGTCTTCACCCCTGCTGCTGCGCT
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AAAGTGAAGGCAGCATCTGGAGGCTTCAGGAGCAGGAGCTCTTTGTCTGAGCATGTGTGTAAGGCACCTGC
CCTATTTTCAGCTACTTGCTCTTTTCCCTGCTCTCCTGGGAGGCTCTCTGTGCTCCTTCCAGCGATTTC
GGCTCGTGTCAAGGGTCCAGTGCTTTGCATCCAGACACTCTTCTGGGCTCTGAGCTGGAGGGGTCTG
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ATTGCCAGCAATTCGAGTGCATCTATGTCTGTGGACCACAGCTGGGCTTTTCAAGCTCACCTACTACTC
CCTGCTGATCCTGGACGACTCCCTCCTCCACGCAGCGGGCTTTGGGCTGAGCTTGGTCAGAGCCCTGGA
GAGGAGGGATATGTCCTCGATGCAGACATCTGGACCTGGAAGAACCCACAGGATATCTGTGTTCTCAA
GAAAGTGGAACCAAGCACAGCTCGATGGCTCCGACGGCTTGATTCAGCACAGCAGGGCTTGGCCGTT
GTTGCAGACATTTGCCTTCTCTGCCTGGTGGCATGGACTCCATCCAGGACAGGTGTTTGTTTCGTTTGC
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TGAGGCTGTTCTATAGAACCCTCACCTGGGCCACACCCAGTTGATCATTGCCTACATCATGCTGGCTGT
GGAGGTCAGGAGTCTCTCCTCTCTGTTGCTCTGTAATTCGTACAACAGTGTCTTCCCATGGGTAC
TGATTTCTGCTTTTGTATTGGCGAAGAGAAAGCACAAATGTAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225712 representing NM_001100916 Red=Cloning site Green=Tags(s) MEWLWLFLLHPISFYQGAAFPFALLFNYLCIMDSFSTRARYLFLLTGGGALAVAAMGSYAVLVFTPAVCA VALLCSLAPQQVHRWTFQMSWQTLCHLGLHYTEYYLHEPPSVRFCITLSSMLLTQQRVTSLSLDICEG KVKAASGGFRSRSSLSEHVCKALPYFSYLLFFPALLGGSLCSFQRFQARVQGSSALHPRHSFWALSWRGL QILGLECLNVAVSRRVDAGAGLTDCQQFECIYVVWTTAGLFKLTYYSHWILDDSLHAAGFGPELGQSPG EEGYVPDADIWTLERTHRISVFSRKWNQSTARWLRLVFQHSRAWPLLTQFAFSAWWHGLHPGQVFGFVC WAVMVEADYLIHSFANEFIRSWPMRLFYRTLTAHTQLIIAYIMLAVEVRSLSSLWLLCNSYNSVFPVMY CILLLLAKRKHKN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001100916
ORF Size:	1305 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_001100916.1</u>
RefSeq ORF:	1308 bp
Locus ID:	619373
UniProt ID:	<u>Q96T53</u>
Cytogenetics:	8p12
MW:	49.5 kDa