

Product datasheet for **RC210515A1V**

Human GSDME (NM_004403) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GSDME (NM_004403) AAV Particle
Tag:	Myc-DDK
Symbol:	GSDME
Synonyms:	DFNA5; ICERE-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210515 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGCCAAAGCAACCAGGAATTTTCTTAGAGAAGTTGATGCTGATGGTGACCTGATTGCAGTATCAA
 ATCTGAATGACTCTGATAAGTTACAGCTTCTAAGTCTGGTGACAAAAAGAAGAGATTCTGGTGCTGGCA
 GAGACCAAGTACCAGTTTTATCCCTACCCTTGCGCATGTACTCATAGAAGACCAATTTCCGAGTCCA
 GTGGTCGTGGAGTCGGACTTTGTGAAATACGAGGGCAAGTTTGCAAACCACGTGAGTGGAACCTGGAGA
 CTGCACTGGGGAAGGTCAAGCTGAACCTGGGGGCGAGCAGCCGCTAGAGAGCCAGTCTTCATTGGAAC
 CCTGAGGAAGCAGGAGGTGATTGTCAGCAGCTCATCAGAGACTCTGCCGAGAGAACAATAAATCTGAGA
 AACCTGTGCTCCAGCAGGTGCTGGAGGAAGGAATGAGGTCTGTGCGTTTTGACACAGAAGATCACGA
 CGATGCAGAAGTGTGTATCTCTGAGCACATGCAGGTCGAGGAGAAGTGTGGTGGCATCGTGGGCATCCA
 GACCAAGACGGTGCAGGTGTGAGCAGCGAGGATGGGAATGTCACCAAGGACTCCAACGTGGTGTGGAG
 ATCCCAGCTGCCACCACCATTCCTACGGTGTCTGAGTTATACGTGAAACTGGACGGCTGTTTCGAGT
 TCTGCCTTCTCCGAGGAAGCAAGGTGGCTTCGAGAACAAGAAGAGAATTGACTCTGTCTACCTGGACCA
 CCTGGTCTTCGAGAGTTTGATTATAGACATGCCAGATGCTGCGCATGGGATATCTTCCCAGGATGGA
 CCATTAAGTGTTTTAAAGCAAGCGACCTGCTCCTGGAGAGGAATTTCCATCCATTTGCGGAGCTGCCTG
 AGCCACAACAGACAGCTTTGAGTGACATCTCCAGGCGGTGCTATTTGATGATGAAGTACTCATGGTCTCT
 GGAACCAAGTGTGCGATGACCTGGTCAGCGGCTCTCGCCACAGTGGCGGTGCTGGGGGAGCTGAAGCCC
 CGGCAGCAGCAGGACCTTGTGGCCTTCTGCAGCTGGTGGGTGCAGCTTACAGGCTGGGTGTCCGGGCC
 CCGAGGATGCAGGCAGCAAGCAGCTGTTATGACAGCCTACTTCTTGGTCAGTGCCCTCGCAGAAATGCC
 AGATAGCGCAGCAGCTCTGCTGGGCACTTGCTGCAAACTCCAGATCATTCCACACTGTGCCACTTGCTT
 CGTGCTCTGTCTGATGATGGAGTATCTGATCTTGAAGACCAACCTTGACTCCCTGAAAGATACAGAAA
 GGTTTGGGATTGTGAGCGCTTGTTCCTCAGCTGACATTAGTCTGGAGAGACTGAAGTCATCTGTGAA
 AGCTGTCAATTCTGAAGGACTCTAAAGTCTTCCACTGCTTCTTGTATAACCCTGAATGGACTCTGTGCT
 TTAGGCAGAGAACATTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210515 protein sequence
 Red=Cloning site Green=Tags(s)

MFAKATRNFLREVDADGDLIAVSNLNDSDKLQLLSLVTKKKRFWCWQRPKYQFLSLTLGDVLIEDQFPSP
 VVVESDFVKYEGKFANHVSGTLETALGKVKNLGGSSRVESQSSFGTLRKQEVDLQQLIRDSAERTINLR
 NPVLQQVLEGRNEVLCVLTQKITTMQKCVISEHMQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVVLE
 IPAATTIAYGVIELYVKLDGLFEFCLLRGKQGGFENKKRIDSIVLDHLVFREFAFIDMPDAAHGISSQDG
 PLSVLKQATLLERNFHPFAELPEPQQTALSDIFQAVVFDELLMVLEPVCDLVSGLSPTVAVLGELKP
 RQQQDLVAFLLQVGC SLQGGCPGPDAGSKQLFMTAYFLVSALAEMPDSAAALLGTCCCKLQIIPTLCHLL
 RALSDDGVSDLEDPTLTPLKDTERFGIVQRLFASADISLERLKSSVKAVILKDSKVFPLLLCITLNLGLCA
 LGREHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004403

ORF Size:

1488 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_004403.2</u>
RefSeq Size:	2521 bp
RefSeq ORF:	1491 bp
Locus ID:	1687
UniProt ID:	<u>O60443</u>
Cytogenetics:	7p15.3
MW:	54.6 kDa