

Product datasheet for **RC200995A1V**

Human Mutarotase (GALM) (NM_138801) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Mutarotase (GALM) (NM_138801) AAV Particle
Tag:	Myc-DDK
Symbol:	Mutarotase
Synonyms:	BLOCK25; GALAC4; GLAT; HEL-S-63p; IBD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200995 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTCGGTGACCAGGGCCGTGTTTGGAGAGCTGCCCTCGGGAGGAGGGACAGTGGAGAAGTCCAGC
 TGCAGTCAGACCTCTTGAGAGTGGACATCATCTCCTGGGGCTGCACGATCACAGCCCTAGAGGTCAAAGA
 CAGGCAGGGGAGAGCCTCGGACGTGGTGGCTTGGCTTCGCCGAGTTGGAAGGATACCTCCAAAAGCAGCCA
 TACTTTGGAGCAGTTATTGGGAGGGTGGCCAACCGAATCGCCAAAGGAACCTTCAAGGTGGATGGGAAGG
 AGTATCACCTGGCCATTAAACAAGGAACCAACAGTCTGCATGGAGGAGTCAGAGGGTTTGATAAAGTGCT
 CTGGACCCCTCGGGTGCTGTCAAATGGCGTCCAGTTCTCGCGCATCAGTCCAGATGGTGAAGAAGGCTAC
 CCCGGAGAGTTAAAAGTCTGGGTGACATACACCCTGGATGGCGGAGAGCTCATAGTCAACTACAGAGCAC
 AAGCCAGTCAGGCCACACCAGTCAACCTGACCAACCATTTCTACTTCAACCTGGCAGGCCAGGCTTCCCC
 AAATATAAATGACCATGAAGTCACCATAGAAGCGGATACTTATTTGCCTGTGGATGAAACCCTGATTCT
 ACAGGAGAAGTTGCCCCAGTGCAAGGCACTGCATTGACCTGAGAAAGCCAGTGGAGCTTGAAAAACACC
 TGCAGGACTTCCATCTCAATGGTTTTGACCACAATTTCTGTCTGAAGGGATCTAAAGAAAAGCATTTTTG
 TGCAAGGGTGCATCATGCTGCAAGCGGGCGGGTACTAGAAGTATACACCACCCAGCCCGGGTCCAGTTT
 TACACGGGCAACTTCTGGATGGCACATTAAAGGGCAAGAATGGAGCTGTCTATCCCAAGCACTCCGGTT
 TCTGCCTGGAGACTCAGAACTGGCCTGATGCAGTCAATCAGCCCGCTTCCCTCCTGTGCTGCTGAGGCC
 TGGTGAGGAGTATGACCACACCCTGGTTCAAGTTTTCTGTGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC200995 protein sequence Red=Cloning site Green=Tags(s) MASVTRAVFGELPSGGGTVEKFQLQSDLLRVDIISWGCTITALEVKDRQGRASDVVLGFAELEGYLQKQP YFGAVIGRVANRIAKGTFKVDGKEYHLAINKEPNSLHGGVRGFDKVLWTPRVL SNGVQFSRISPDGEEGY PGELKVWVYTYTLDGGELIVNYRAQASQATPVNLTNHSYFNLAGQASPNINDHEVTIEADTYLPVDETLIP TGEVAPVQGTAFDLRKPVELGKHLQDFHLNGFDHNFCLKGSKEKHFCARVHHAASGRVLEVYTTQPGVQF YTGNFLDGT LKGKNGAVYPKHSGFCLETQNWPD AVNQPRFPVLLRPGEEYDHTTWFKFSVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138801
ORF Size:	1026 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_138801.1</u>
RefSeq Size:	2483 bp
RefSeq ORF:	1029 bp
Locus ID:	130589
UniProt ID:	<u>Q96C23</u>
Cytogenetics:	2p22.1
MW:	37.8 kDa