

Product datasheet for **MR223329A1V**

Mouse Themis (NM_178666) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Themis (NM_178666) AAV Particle
Tag:	Myc-DDK
Symbol:	Themis
Synonyms:	E430004N04Rik; G; Gasp; Spot; thylex; Ts; Tsepa
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR223329 representing NM_178666
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTTATCTCTGGAAGAATTTGTCTACTCCCTTGACCTGAGGACCCTCCCCAGGGTCTAGAAATCC
 AGTCAGGCATCTACTTTGAAGGGTCTGTTTATGAGATGTTTGGCAATGAATGCTGTCTGTCAACAGGAGA
 AGTGATTAATAACACCGGTCTCAAAATTAAGAAGATGATGGCTGAAATTTGTGAGGGCGCTATTGGAGGT
 TGTGAGTCTCAGAAGCCTTTTGAAGTGGCCATGAATTTCCAGGTCTCTTAAGGTGATGGCTGATAAAA
 CTCCATACCTGTCAATTGAAGAAATCACAAGAACCCTTAATATTGGACCCAGCAGACTAGGTATCCTTG
 CTTTTATCACCTGAAGGATATAAACTAGAGAATCTCATTATTAAGCAGGGTGAAGCAATCCGGTTCAC
 TCAGTTGAAGAGATTAATGGAGAACGCTGGTGAATTGTGGTGTGGTAAGGAATCATCAGAGCCACTCAT
 TTAATTTGCCATTGTACAAGAAGGAGAATTTATGAGTGTGAGGATGAACATATCTATACCTAAAAGA
 AATTGTTGAATGAAGATTCCCAAGAACAGAACACGGACAGTGAAGCTTACAGATTTCTCGAATAAGTGG
 GACTCAACCAATCCATTCCAGAGACTTTTATGGTACACTGATTCTCAAACCTGTTTATGAAATCCAAG
 GTGTGCTGAAATTTCAAAGGACATAGTCCGGATTCTCCCAAGTTAGACGTTGAAGTCAAAGATATTAC
 TGATTCTTATGATGCTAACTGGTTTCTTCAGTTGCTGTCTACGGACGACCTTTTTGAAATGACCAGCAA
 GAGTTTCTGTAGTAGCTGAAGTTGTGCAAAATATCTCAAGGGAACCACTGCCCAAGTATTTTGCAGC
 GAGAGAAAACCATTTGCATCCACAAAAGTACCAGGCTTCGAGGATCTTAGCTTCAGAAATTCGAGCAA
 TTTCCCTAAAAGACACTTCTTGATCCCTATTAGCTACAAAGGCAAGTTCAAAGAAGACCACGGGAGTTC
 CCCACGGCCTATGACCTGCAGATAGCTAAGAGCAGGAAAGAACTCTCCACGTGGTGGCCACCAAGCTT
 TCCATACACTTCACAAGGAGCTGTCCCTGTGTCTGTTGGAGACCAGTTTCTAGTGCATCATTGAGAGAC
 CACAGAAGTTGTCTTTGAGGGGACAAGAAAAGTAAACGTTCTGACCTGTGAAAAAGTCCCAATAAGACC
 CGTGAAGATGCACAGCTTCTCTATACATGGAAGGAGGTTTTGTAGAGGTGATTCATGATAAGAAACAGT
 ATCAGATTTCCGAGCTCTGTACCCAGTTTTGCTGGCCCTTCAATGTGAAGGTGGCTGTGAGAGATCTCTC
 CATTAAAGATGACATTTTGGCAGCTACCCAGGACTTCAGTTAGAGGAGGACATCACAGATTTCTATCTA
 CTTATCAGTGACTTTGCAATCCTGAGGAATGTTGGGAAATCCCATGAGCCGCTTGAATATGACTGTTT
 GACTAGTTAATGGTAGCAGTTTGCCTGCAGATGCAGGGCTACTCAAGTCAGGAGTTTTGTAGAAGAGAT
 TACAGAAGAACAGTATTACATGATGAGGAGGTACGAAAGTTCTCTATCACATCCCCACCTCGCCCTCCC
 AAACATCCCTCAGCTGAGGAAATGAAGCTCACCTTGCTCAGCTTAGCAGAAGAGAGAACAATAAATCTGC
 CCAAGTCTCTCAAGAGTCACCATGTAGACAGACCAAGAAGCTTCCCTCAGATGAAAGTGGCCAGGATTC
 AAGAGCTCCAGTTGGTTTTCAGAATGATGTGGCTGATGTGGAGAGACAGAAGAGCAAGCATGGGCCACTG
 CAGCCGAAGCACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR223329 representing NM_178666 Red=Cloning site Green=Tags(s) MALSLEEFVYSLDLRTLPRVLEIQSGIYFEGSVYEMFGNECCLSTGEVIKITGLKIKKMAEICEGAIGG CESQKPFELPMNFPGLFKVMADKTPYLSIEEITRTVNIGPSRLGHPCFYHLKDIKENLIIKQGEPIRFN SVEEINGETLVNCGVVRNHQSHSFTLPLSQEGEFYECEDHIYTLKEIVEWKIPKNRTRTVKLTDFSNKW DSTNPFPEDFYGTILILKPVEIQGVLFQKDIVRILPSLDVEVKDITDSYDANWFLQLLSTDDL FEMTSK EFPVVAEVVEISQGNHLPQSILQREKTIVIHKKYQASRILASEIRS NF PKRHFLIPISYKGKFKRRRPREF PTAYDLQIAKSRKETLHV VATKAFHTLHKELSPVSVGDQFLVHHSETTEVVFEGTRKVNVLTC EKVLNKT REDAQLPLYMEGGFVEVIHDKKQYQISELCTQFCWPFNVKAVRDL SIKDDILAATPGLQEEDITDSYL LISDFANPEECWEIPMSRLNMTVRLVNGSSL PADAGLLQVRSFVEEITEEQYMMRRYESSLSHPPPRPP KHPSAEEMKLTLLSLAEERTINLPKSLKSHHVDRPKKLPSDESGQDSRAPVGFQNDVADVERQSKHGPL QPQAPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_178666
ORF Size:	1908 bp
Buffer:	PBS with 0.001% Pluronic F3562
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_178666.6, NP_848781.1</u>
RefSeq Size:	5085 bp
RefSeq ORF:	1911 bp
Locus ID:	210757
UniProt ID:	<u>Q8BGW0</u>
Cytogenetics:	10 A4
MW:	72.8 kDa