

Product datasheet for **MR227607A1V**

Mouse Siglecg (NM_172900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Siglecg (NM_172900) AAV Particle
Tag:	Myc-DDK
Symbol:	Siglecg
Synonyms:	9830164H23; A630096C01Rik; mSiglecg-G; Siglecg-G; Siglec10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227607 representing NM_172900
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCAGTCTGCTGTTCTCTGCTGCTCTTCTGTTGGATGGGCCTCAAGGTCAGATGGAGAGCTACTTCC
 TACAGGTGCAGAGAATTGTGAAGGCACAGGAGGGTCTGTGCATCTTCGTGCCCTGCTCCTTCTCCTCCCC
 TGAGGGAAAATGGCTTAACCGTTCCCACTTTATGGCTACTGGTTCAAAGGCATCAGAAAACCATCACTT
 TCATTTCCAGTGGCCACAAATAACAAAGATAAAGTGTTAGAATGGGAAGCCGAGGGCGCTTCCAGCTCT
 TGGGGGATATCTCTAAAAAGAACTGTTCTTGTAAATCAAAGATGTTCAAGTGGGAGACTCAACAACTA
 TTTCTTCCGGATGGAGAGAGGATTTGAGAGATTCAAGTTCAAGGAGGAGTTCAAGCTACAAGTGAAGCC
 CTGACTCAGAAGCCAGATATCTTCATTCCTGAGGTCTGGAGCCTGGGAGCCAGTGACCGTTGTCTGCT
 TGTTTTCTGGACCTTCAACCAATGCCAGCTCCTTCTTCTCCTGGATGGGGGATGCTGTCTCCTTCCA
 AGAAAGCAGACCGCACACATCCAATTACTCAGTTCTGAGCTTTATCCAGGACTTCAACACCATGATACT
 GAGCTCACATGTCAGCTGGACTTCTCTAGAATGAGCACACAAAGGACTGTCCGACTAAGAGTGGCCTATG
 CCCCCAGATCTTTGCTATCAGCATTTTCCATGACAATGTATCAGTCCCAGACTTGCATGAGAATCCTTC
 ACATCTGGAAGTTCAGCAAGGCCAGTCTCTTCGCTCCTCTGTACTGCTGACAGCCAGCCCCCTGCTACA
 CTGAGCTGGGTCTAGAGGACCAAGTCTTTCTTGGTCTAGCCCTGTGGGGTCGAGAACCCTGGCACTAG
 AGCTGCCCTGGGTGAAAGCTGGGGACTCTGGACACTACACTTGCCAAGCAGAGAATAGGCTGGGCTCCCA
 GCAACATACCTGGACCTCTCTGTGCTGTACCCCCACAGGACCTGAGAGTACTGTTTCCCAAGCAAAC
 AGGACAGTGTGGAAATCCTCAGGAATGCCATCTCCCTCCAGTCTGGAGGGCCAAAGCCTGTGCCTAG
 TCTGTGTCACTATAGCAATCCCCAGCCAATGTGAGTTGGGCTTGGGTGACACAGACCTGATCCCAAT
 CCAGTCTTCAGAGCCTGGGGTCTGGAGCTGCCTCTGGTCCAGAGAGAATGAAGGAGAATTCACCTGT
 GCTGCACAGAACCCTAGGGTGCCAGCGCATCTCTGAGCCTCTCTGTGCACTACCCGCCAGATGT
 CCAGCCCTCTGCTCTGGGAGGCCAAGGGTCTGCACTGCAACTGCTCTCCAGAGCCTGGCCTGCCCC
 CTCCCTGCGCTGGCGGCTGGGGAGGGGCTGCTGGAGGGGAACAGCAGCAATGCCTCCTTACAGTCACT
 TTCAGTCACTTGGACCTGGGTCAACAGCTCCCTGAGCCTCCTTCAAGAGCTGGGGCCAGCCTCTGGC
 TCAGCTGTGAGTCTGGAACACCCATGGAGCCAGACCCTCTGTCTGCTGTACCTGATAAAGACAG
 TGCCACAGCATTCTCAAGGGAGCAGTTTGGGCTTTGGCATCACAGCCCTCCTTGCCCTGTGCCTCATC
 GTGGTCATCGTGAAGACCCTCCAGAAGAAAGGAACCCAGGAGGAACCCTCCAGGCCAAGCTCTCCGGG
 GCAGCAGATCCTGGACTACATCAATGTGGTCCCCAAGACCAGGTCCCTGGCTCGGAATTGGAAAGCTGA
 ACCAGATGCCCCCTTAGGAGCTCACCCCTGGACACTCACTTCCTAAACCAAAGAAGCAAAAGGAC
 CCACATTTACGTACCCTGGTTGCCAGATCCACATCATCTCTCAGGTCCCAGTCTCTGAGAATAACC
 CGGAAGAACTCCACTATGCTGCTCTCAACTTCTCCCGCTGAGACTGCAGGAGACCCAGGATCCCCAAGA
 CACCTATTCTGATTACACAGAGGTCAGAGTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227607 representing NM_172900 Red=Cloning site Green=Tags(s) MSLLLFLLSFLLDGPGQGMESYFLQVQRIVKAQEGLCIFVPCSFSSPEGKWLNRSPLYGYWFKGIRKPSL SFPVATNNKDKVLEWEARGRFQLLDISKKNCSLLIKDVQWGDSTNYFFRMERGFERFSFKEEFRLQVEA LTQKPDIFIPEVLEPGEPVTVVCLFSWTFNQCPAPSFSSWMDAVSFQESRPHTSNYSVLSFIPGLQHHD ELTCQLDFSRMSTQRTVRLRVAYAPRSLAISIFHDNVSPDLHENPSHLEVQQGQSLRLLCTADSQPPAT LSWVLEDQVLSWSSPVGSRTLALELPWVKAGDSGHYTCQAENRLGSQQHTLDLSVLYPPQDLRVTVSQAN RTVLEILRNAISLSPVLEGQSLCLVCVTYSNPPANVSWAWVTQTLPISSEPGVLELPLVQREHEGEFTC AAQNPLGAQRISLSLVHYPPQMSSPSCSWEAKGLHCNCSSRAWPAPSLRWRLGEGLLLEGNSSNASFTVT FSSLGPNWSSLSLLQELGPSLWLSCEWNTGHAQTTSVLLLPDKDSATAFSKGAVLGFGITALLALCL VVIVKTLQKKGTQEESRPKLSRGSTILDYINVVPKTRSLARNWKAEPDAPSRSSPLDTHFPKPKKKQKD PHFTYPGCPDPTSSSQVPVSENNPEELHYAALNFSRLRLQETQDPQDTSYDYTEVRVH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172900
ORF Size:	2064 bp
Buffer:	PBS with 0.001% Pluronic F4306
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_172900.3, NP_766488.2</u>
RefSeq Size:	2484 bp
RefSeq ORF:	2067 bp
Locus ID:	243958
UniProt ID:	<u>Q80ZE3</u>
Cytogenetics:	7 B3
MW:	77.3 kDa