

Product datasheet for **MR207740A1V**

Mouse Chst2 (NM_018763) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chst2 (NM_018763) AAV Particle
Tag:	Myc-DDK
Symbol:	Chst2
Synonyms:	AI428561; AW121776; C130041E03Rik; Chts2; GlcNAc6ST; Gn6st; GST-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207740 representing NM_018763
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGCCGCGAGCTCGCCGCGAGCTCTGCCCCCGGTGCGCTTCCCGGCCGCTGCCGGCCGCGCCTGCCG
 CCGTGACAGCGGGCCCTGCTCCCGCCGTGGCCCCGGCGCGCAGGACGCCGCTGGCCTGCGTCCCGCTCGG
 GATGAAGGTATTTGCGAGGAAGGCGCTGGTGTGTGCGCGGGCTATGCACTGCTACTGGTGTACAGATG
 CTCAACCTCTTGGACTACAAGTGGCATAAAGAGCCGCTGCAGCAGTGCAACCCCGACGGGCTCTGGGTG
 CCGCGGTAGGGGCGGCCGGGCGGCTGGGACGGCGGGGTGCGCTCTGCAGCGCCACCCGCGCTCA
 CTCTCGCATGGACCCCGCACCCGTACCGCCCTCTGCCGCGGGCGTGGGGGAGTTCCCGCAGCCGCG
 GCTGGGAGTGACGAGCTGCGGCTCTCTGGGCAATGCTACTCGAGGCACAGGGGTGGAGGGGACAAGC
 GGCAGTTGGTGTATGTGTTACACAGTGGCGCTCGGGCTCGTCTTCTCGGTGAGCTCTTCAACGAA
 CCCTGAGGTGTTCTTCTCTATGAGCCTGTGTGCACGTGTGGCAAACTGTACCCCGGGGACGCCGTT
 TCCCTGCAGGGGCGAGCGCGGACATGCTGAGCGCTCTCTACCGCTGCGATCTTTCGGTTTTCCAGCTGT
 ATAGCCCCGACGCGAGTGGGGGGCGCAACCTCACCACTCTGGGCATCTTGGGGCAGCCACTAACAGGT
 GGTATGCTCCTCGCACTCTGTCTGCTACCGCAAGGAGGTGCTCGGACTGGTGGACGACCGCGTGTGC
 AAAAAGTGCCACCTCAACGCTGGCACGCTTCGAGGAGGAGTGTGCAAGTACCGCACGCTGGTATCA
 AGGGCGTGCGGGTCTTCGATGTGGTGTGTTGGCGCGCTGCTTAAAGATCCAGCCTGGACCTCAAGGT
 CATCCACCTAGTACGTGATCCTCGTGTGTTGCCAGCTCCCGCATCCGCTCGGTCACGGCTCATCCGG
 GAAAGCCTACAGTGGTGCAGAGCGGGATCCAAGAGCCACCGCATGCCCTTCTGGAGGTGCTGGCC
 ACAAGCTTGGTGCCAAGAAGGAGGTATGGGTGGCCAGCAGACTACCAGCTCTGGGTGCAATGGAGGT
 CATCTGCAACAGTATGGCCAAGACGCTGCAAAACAGCCCTGCAGCCTCCTGACTGGCTGCAGGGACACTAC
 TTGGTGGTGAAGTACGAGGATCTGGTGGGAGACCCGTTAAGACCTACGAGGGTATATGACTTTGTGG
 GGCTGCTGGTGAAGTCCCGAAATGGAGCAGTTTGGCCTGAACATGACAGTGGTTCGGGCTCCTCTCAA
 GCCTTTCTGGTGTGAGCTCGCAATGCCACTCAGGCCGCAATGCCTGGCGG[AT]CCGCGCTCACCTTC
 CAGCAGATCAAACAGGTGGAGGAGTTTGTCTACCAGCCATGGCCGTGCTGGGCTATGAGCGGGTAAACA
 GTCCTGAGGAGGTCAAAGACCTCAGCAAGACCTTGCTCAGGAAGCCCCGGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSRSSPRALPPGALPRPLPAAPAAVQRALLPPWPRRAGRWPASPLGMKVFRRKALVLCAGYALLLVLT
 LNLLDYKWHKEPLQCCNPDGPLGAAGVGAAGAGWGRPGSPPAAPPRAHSRMDPRTYPYPPAAGVGAVPAAA
 AGSAGAAASLGNATRGTRGGGDKRQLVYVFTTWRSGSFFGELFNQNPVEVFFLYEPVWHVWQKLYPGDAV
 SLQGAARDMLSALYRCDLSVFQLYSPAGSGGRNLTTLGIFGAATNKVVCSSPLCPAYRKEVVGLVDDRVC
 KKCPPQRLARFEEECRKYRTLVIKGVRFVDVAVLAPLLKDPALDLKVIHLVRDPRAVASSRIRSRHGLIR
 ESLQVVRSDPRHRMPFLEAAGHKLGAKEGMGPADYHALGAMEVICNSMAKTLQTALQPPDWLQGHY
 LVVRYEDLVGDPVKTLRRVYDFVGLLVSPMEQFALNMTSGSGSSSKPFVVSARNATQAANAWRXXALTF
 QQIKQVEEFCYQPMVAVLGYERVNSPEEVKDLSTLLRKPR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_018763

ORF Size:

1593 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_018763.2, NP_061233.2</u>
RefSeq Size:	6256 bp
RefSeq ORF:	1593 bp
Locus ID:	54371
UniProt ID:	<u>Q80WV3</u>
Cytogenetics:	9 E3.3
MW:	58.3 kDa