

Product datasheet for **RC217679A1V**

Human Gsh1 (GSX1) (NM_145657) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Gsh1 (GSX1) (NM_145657) AAV Particle
Tag:	Myc-DDK
Symbol:	Gsh1
Synonyms:	Gsh-1; GSH1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217679 representing NM_145657 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGCGCTCCTTCTGGTGGACTCGCTAGTGCTGCGCGAGGCGGGCGAGAAGAAGGCGCCCGAGGGCA
GCCCCGCCGCGCTCTTCCCCTACGCTGTGCCCCGCGCACGCGCTGCACGGTCTCTCGCTGGCGCCTG
CCACGCGCGCAAGGCTGGGTGCTGTGCGTGTGCCGCTCTGCGTCACCGCTCGCAGCTGCATGGGCC
CCCGGGCGCCCGCGCTGCCTCTGCTCAAGGCTTCTTCCCACCCTTCGGCTCGCAGTACTGCCACGCGC
CCCTGGGCGCCAGCACTCTGCTGTGTCGCCCGGGTGCCTCACGGCCCGCCGCGCTGCTGCTGCCG
CGGCTCTACCGACCTCTACCGCTGCCTGACCCAGGCAGTTCCACTGCATCTCTGTGGACAGCAGC
TCTAACCACTGCCAGCAGCAAGAGGATGCGCACGGCTTTCACCACTGCAGCTGCTAGAGCTGGAGC
GCGAGTTCGTTCTAATATGTACCTGTCCCGCTACGTCGCATCGAGATCGCGACCTACCTGAATCTGTC
CGAGAAGCAGGTGAAGATCTGGTTTCAGAACCAGGAGTGAAGCACAAGAAGGAGGGCAAGGGCAGCAAC
CATCGTGGCGGCGGGCGGGGTGCCGGTGGTGGCGGGAGCGCACCGCAAGGCTGCAAGTGCGCATCGC
TCTCTCAGCCAAGTGTCCGAGGATGACGACGAATTGCCATGTCTCCGTCTCTCAGGAAGGACGA
CCGGGATCTTACGGTCACTCCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217679 representing NM_145657 Red=Cloning site Green=Tags(s) MPRSFLVDSLVLREAGEKKAPEGSPPLFPYAVPPPHALHGLSPGACHARKAGLLCVCPLCVTASQLHGP PGPPALPLLKASFPPFGSQYCHAPLGRQHSVSPGVAHGPAAAAAAAAAALYQTSYPLDPDPRQFHCISVDSS SNQLPSSKRMRTAFTSTQLELEREFASNMYLSRLRRIEIATYLNLSEKQVKIWFQNRVRVKKHKEGKGSN HRGGGGGGAGGGGSAPQGCKCASLSSAKCEDDDELPMSPSSSGKDDRDLTVTTP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145657
ORF Size:	792 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_145657.1, NP_663632.1</u>
RefSeq Size:	847 bp
RefSeq ORF:	795 bp
Locus ID:	219409
UniProt ID:	<u>Q9H4S2</u>
Cytogenetics:	13q12.2
MW:	27.7 kDa