

Product datasheet for **RC205588A1V**

Human Carbohydrate sulfotransferase 1 (CHST1) (NM_003654) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Carbohydrate sulfotransferase 1 (CHST1) (NM_003654) AAV Particle
Tag:	Myc-DDK
Symbol:	Carbohydrate sulfotransferase 1
Synonyms:	C6ST; GST-1; KS6ST; KSGal6ST; KSST
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205588 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAATGTTCTCTGGAAGGCCGTCTCTCTCTTGGCCTGGCCTCCATTGCCATCCAGTACACGGCCATCC
GCACCTTCACCGCCAAGTCTTTACACCTGCCCCGGGCTGGCAGAGGCCGGGCTGGCCGAGCGACTGTG
CGAGGAGAGCCCCACCTTCGCCTACAACCTCTCCCGCAAGACCCACATCCTCATCCTGGCCACCACGCGC
AGCGGCTCTCTCTCGTGGGCCAGCTCTTCAACCAGCACCTGGACGTCTTCTACCTGTTTGAGCCCTCT
ACCACGTCCAGAACACGCTCATCCCCGCTTCACCAGGGCAAGAGCCCGCCGACCGGGGTCTGCT
AGGCGCCAGCCGCGACCTCTGCGGAGCCTCTACGACTGCGACCTCTACTTCTGGAGAACTACATCAAG
CCGCGCCGGTCAACCACACCACCGACAGGATCTTCCGCGCGGGGCCAGCCGGGTCTCTGCTCCCGGC
CTGTGTGCGACCTCCGGGGCCAGCCGACCTGGTCTGGAGGAGGGGACTGTGTGCGCAAGTGCGGGCT
ACTCAACCTGACCGTGGCGGCCGAGGCGTGCCGCGAGCGCAGCCACGTGGCCATCAAGACGGTGCAGCTG
CCCGAGGTGAACGACCTGCGCGCCCTGGTGAAGACCCGCGATTAAACCTCAAGGTATCCAGCTGGTCC
GAGACCCCGCGGCATTCTGGCTTCGCGCAGCGAGACCTTCCGCGACAGTACCGGCTCTGGCGGCTCTG
GTACGGCACCGGAGGAAACCTACAACCTGGACGTGACGACGTGACCGGTGTGCGAGGACTTCTCC
AACTCCGTGTCCACCGGCTCATGCGGCCCGCTGGCTCAAGGGCAAGTACATGTTGGTGCCTACGAGG
ACCTGGCTCGGAACCCTATGAAGAAGACCGAGGAGATCTACGGGTTCTGGGCATCCCGCTGGACAGCCA
CGTGGCCCGCTGGATCCAGAACAACACGCGGGGCGACCCACCTGGGCAAGCACAATACGGCACCGTG
CGAAACTCGGCGGCCACGGCCGAGAAGTGGCGCTTCCGCTCTCTACGACATCGTGGCCTTTGCCGAGA
ACGCTGCCAGCAGGTGCTGGCCAGCTGGGCTACAAGATCGCGCCTCGGAGGAGGAGCTGAAGAACCC
CTCGGTCAGCCTGGTGGAGGAGCGGGACTTCCGCCCTTCTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205588 protein sequence Red=Cloning site Green=Tags(s) MQCSWKAVLLALLASIAIQYTAIRFTAKSFHTCPGLAEAGLAERLCEESPTFAYNLSRKTHILILATTR SGSSFVGQLFNQHLDVFYLFEPYHVQNTLIPRFTQGKSPADRRVMLGASRDLLRSLYDCDLYFLENYIK PPPVNHTTDRIFFRGASRVLC SRPVCDPPGPADLVLEEGDCVRKCGLLNLTVAAEACRERSHVAIKTVRV PEVNDLRALVEDPRLNLKVIQLVRDPRGILASRSETFRDITYRLWRLWYGTGRKPYNLDVTQLTTVCEDFS NSVSTGLMRPPWLKGYMLVRYEDLARNPMKKTEEIYGFLGIPLDSHVARIQNTRGDPTLGKHKGTV RNSAATAEKWRFRLSYDIVAFAQNACQQVLAQLGYKIAASEEELKNPSVSLVEERDFRPFS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003654
ORF Size:	1233 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:	NM_003654.2
RefSeq Size:	3947 bp
RefSeq ORF:	1236 bp
Locus ID:	8534
UniProt ID:	O43916
Cytogenetics:	11p11.2
MW:	46.7 kDa