

## Product datasheet for **RC211234**

### CHST2 (NM\_004267) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CHST2 (NM_004267) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CHST2
Synonyms:	C6ST; gIcNAc6ST-1; Gn6ST-1; GST-2; GST2; HEL-S-75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC211234 representing NM\_004267  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCCGACGCCGAGCTCTGCCCGGGCGCTCCCTCGGCTGCTCCAGGCTGCGCCTGCAG  
 CCGCGCCGCGTGCCTGCTCCCGCAGTGGCCCGGCGCCAGGACGCGCTGGCCCGCTGCCCTCTCGG  
 AATGAAGGTGTTCCGTAGGAAGGCGCTGGTGTGTGCGCGGGCTATGCACTGCTGCTGGTCTACTATG  
 CTCAACCTCTGGACTACAAGTGGCACAAGGAGCCGCTGCAGCAGTGCAACCCGATGGGCCGCTGGGTG  
 CCGCAGCGGGGAGCCGAGGAGCTGGGGGCGCCAGGGCGCCTCGGGCCGGCCGCCCGTCTCA  
 TGCCCGTTTGACCTCCGCACTCCTTACCGCCCTCCCGTGCAGCGCTGGGGCGGCTCTGCAGCCGG  
 GCAGGGATGGCGGGGTGCGGCCCTCCAGGCAATGGCACTCGGGGACCGGGGCGTGGGGACAAGC  
 GGCAGCTGGTGTACGTGTTACCACGTGGCGCTCTGGCTCGTCTTTCGGCGAGCTATCAACCAGAA  
 TCCCGAGGTGTTCTTTCTACGAGCCAGTGTGGCATGTATGGCAAAACTGTATCCGGGGAGCCGCTT  
 TCCTGCAGGGGGCAGCGCGGACATGTGAGCGCTTTTACCCTGCGACCTCTCTGTCTCCAGTTGT  
 ATAGCCCCGCGGGCAGCGGGGGCGCAACCTACCACGCTGGGCATCTTCGGCGCAGCCACCAACAGGT  
 GGTGTGCTCGTACCACTCTGCCCGCCTACCGAAGGAGTCTGGGGTGGTGGACGACCGCGTGTGC  
 AAGAAGTGCCCGCACAGCGCTGGCGGTTTCGAGGAGGAGTCCGCAAGTACCGCACACTAGTCATAA  
 AGGGTGTGCGCGTCTTCGACGTGGCGGTCTGGCGCCACTGCTGCGAGACCCGGCCCTGGACCTCAAGT  
 CATCCACTTGGTGCATGATCCCGCGCGGTGGCGAGTTCACGGATCCGCTCGGCCACGGCCATCCGT  
 GAGAGCTACAGTGGTGCAGCCGAGACCCGCGAGCTACCCGATGCCCTTCTTGGAGCCGCGGGCC  
 ACAAGCTTGGCGCAAGAAGGAGGGCGTGGCGGCCCGCCGAGACTACCACGCTCTGGGCGTATGGAGGT  
 CATCTGCAATAGTATGGCTAAGACGCTGCAGACAGCCCTGCAGCCCTGACTGGCTGCAGGGCCACTAC  
 CTGGTGGTGCAGTACGAGACCTGGTGGAGACCCGTC AAGACTACGAGAGTGTACGATTTTGTGG  
 GACTGTTGGTGGAGCCCGAAATGGAGCAGTTTGCCTGAACATGACCAGTGGCTCGGGCTCTCTCCAA  
 GCCTTTCTGGTATCTGCACGCAATGCCACGAGGCCCAATGCCTGGCGGACCGCCCTCACCTCCAG  
 CAGATCAAACAGGTGGAGGAGTTTGTACCAGCCATGGCCGCTCTGGGCTATGAGCGGGTCAACAGCC  
 CTGAGGAGGTCAAAGACCTCAGCAAGACCCTGCTTCGGAAGCCCCGCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC211234 representing NM\_004267  
 Red=Cloning site Green=Tags(s)

MSRSPQRALPPGALPRLLQAAPAAAPRALLPQWPRRPGRRWPASPLGMKVFRKALVLCAGYALLLVLT  
 LNLLDYKWHKEPLQCCNPDPGLGAAAGAAGGSWGRPGPPAGPPRAHARLDLRTPYRPPAAAVGAAPAAA  
 AGMAGVAAPPNGTRGTGGVGDQRQLVYVFTTWRSGSSFFGELFNQNPEVFFLYEYPVWHVWQKLYPGDAV  
 SLQGAARDMLSALYRCDLSVFQLYSPAGSGGRNLTTLGIFGAATNKVVCSSPLCPAYRKEVVGLVDDRVC  
 KKCPPQRLARFEEECRKYRTLVIKGVRFVAVLAPLLRDPALDLKVIHLVRDPRAVASSRIRSRHGLIR  
 ESLQVVRSDPRAHRMPFLEAAGHKLGAKEGVGGPADYHALGAMEVICNSMAKTLQALQPPDWLQGHY  
 LVVRYEDLVGDPVKTLRRVYDFVGLLVSPMEQFALNMTSGSGSSSKPFVVSARNATQAANAWRTALTFQ  
 QIKQVEEFCYQPMAVLGYERVNSPEEVKDL SKTLLRKPRL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8114\\_g03.zip](https://cdn.origene.com/chromatograms/mk8114_g03.zip)

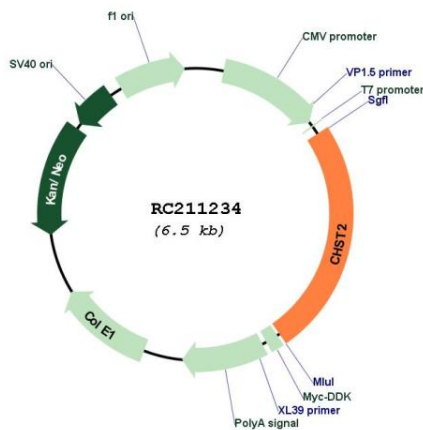
**Restriction Sites:**

Sgfl-MluI



UniProt ID:	<a href="#">Q9Y4C5</a>
Cytogenetics:	3q24
Domains:	Sulfotransfer
Protein Families:	Transmembrane
Protein Pathways:	Keratan sulfate biosynthesis, Metabolic pathways
MW:	57.9 kDa
Gene Summary:	This locus encodes a sulfotransferase protein. The encoded enzyme catalyzes the sulfation of a nonreducing N-acetylglucosamine residue, and may play a role in biosynthesis of 6-sulfosialyl Lewis X antigen. [provided by RefSeq, Aug 2011]

### Product images:



Circular map for RC211234