

Product datasheet for **SC209259**

CHST12 (NM_018641) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHST12 (NM_018641) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHST12
Synonyms:	C4S-2; C4ST-2; C4ST2
ACCN:	NM_018641
Insert Size:	2000 bp



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Insert Sequence: >SC209259 3'UTR clone of NM_018641
 The sequence shown below is from the reference sequence of NM_018641. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCAAGCCCGAAAACCTCCTCCGAGACTGAAGCTTTCGGTTGCTTTTTCTCGCGTGCCTGGAACCTG
ACGCACGCGCACTCCAGTTTTTTATGACCTACGATTTTGAATCTGGGCTTCTTGTTCACCTCCACTGC
CTCTATCCATTGAGTACTGTATCGATATTGTTTTTAAGATTAATATATTTTCAGGTATTTAATACGAAA
TGTGGAAGGGAATGCTGGAGTAAAATATCCCTCTCCCTCCGCCCGCCACCCGCCCGCCGCTCGCC
CGCTCGCCGCTCCTGTGGTTTTCTGAGCGTGCGGGCGCCGGGAGGGGATGCTGAGGCTGATGGAGCT
GCCTCCAGGGCTAGGGCCACTCACCGAGGAGGGCGGGCCTGCACCTGAAGTCAGGCCGCACCTGTCT
GTTTTTGAAGGGTAGCCGACAAATCCTCCAGAGGGAAAGTTCTTTGTTAAGTGTGTACTTGAAAA
GGTCAATCTTCAGGGCTCCTGTTGAAGTCAAGTCAGAGGTAACCCGGTCAGTTACAGAAGCAGGATT
TCTAGGATTTCTAACTCCAGCTGTTCCATACTGTCTAGTTAAATTATGGCTGTTAAGGCCGGGCGGG
TGACTCAGGCAGGTAATCCAGAACTTTGGGAGGCCAGACAGAAGGATCGCTTGAGGTCAGGAATTTG
AGACCTGGCCAACATGGTGAAACCTGTCTACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAATGAGTCGGGTGTGGTGTGCACCTGTAGTCCAGCTACTCAGGAGTTCTGAGATGGAAAGATTG
CTTGAACCCAGGAGGCAGAGGCTGCAGTGCAGTGCAGATCGCGACATTGCACCTAGCCTGGGTGACAGA
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CTCATGCCTGCAATCCTGGCACTTTGGGAGGCTGAGGGGGGAAGATCACTTGAGCCCAGGAGTTCAAGA
CCAGCTTGGCAACATAGCAAGGACCTCATCTACAAAAATAAAAAGGACGTGGTGGTGCACATCTG
TAAACCCAGCTACTCAGGAGGCTGAGGAGGAGGATCACTTGAGCCCAGGAGTTCAAGATCAGTTTGGA
CCACATAGCGAGACCCTGTGTCTACAAAAATAAAGAAAATCAGCCGACATGATGGTGCACACCTGTAA
TCCAGCTACTCGGGAGGCTGAGGCAGGAGGATCGCTGGAGCCCAGGAGTTCAAGGCTGCAGTGACCTA
TGATCGTGCCACTGCACCTCCAGCCTGGGCAGCAAAGTGCAGTCTGTTTCTAAATAGACAGATAGAAGA
TAGGTAGATAGATAGATTAATAGAAAGTAAACTATGGCTGTTGAGGTTTACAGTTGGCAGGAGTGGAG
TGGTTTGGCGTTTATCTCTAGACCGTGTGGATGACAGTACCCAGTGTACCAAGAAGAGGCTCCGTGT
GACTGTCTCTGTGGCTTCTGGTTGGTTAGTCCAGTGCCTTACCCTCAAGGACACGACTGACCTTG
AACCTCAGGTTTGTATGGCCCTGTCTTGATAAAAGTGCAGAGGAGGCTCTGGAACATCTGGCTGAA
ACTCCTTTGCTATTTCTGCTTCTAAGCTGTAGTTGGAGAGATGGTTGCAATCATTTCTGGTGTCCGGC
ACCTGCTTGACCTGTCTTCTCGTGTGTGGTATTTGTACCCTGCCCAGTCCCTGGTTGCTGGCCAC
GCTCAGTTGGGACATACCTGGTGTCTCTGTGTGGTGTCCCTGTGTTTCCCAGGCTCAGGTGGGCT
TGTGTGGGTCTTGGCCCCAGTGCCTGCTAGCCTCAGGTGTCCCTGTGTTAGACACCTCCTGCCTTCC
TTTCTGAAGCTTCGCTTCTTTTATTTTTGTTTTGTTTTGTTTTGGAGACAGGGTCTCGCTCTGTCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_018641.5](#)

Summary: The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage, and is distributed on the surfaces of many cells and extracellular matrices. Alternatively spliced transcript variants differing only in their 5' UTRs have been found for this gene. [provided by RefSeq, Aug 2011]

Locus ID: 55501

MW: 74.6