

Product datasheet for **SC209234**

HS3ST1 (NM_005114) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HS3ST1 (NM_005114) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HS3ST1
Synonyms:	3OST; 3OST1
ACCN:	NM_005114
Insert Size:	2000 bp



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Insert Sequence:

>SC209234 3'UTR clone of NM_005114

The sequence shown below is from the reference sequence of NM_005114. 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
CTTGTTGGCAGAACATTTGACTGGCACATGATTTGCAATAAGCTAAGCTCAGAAACTTTCCTACTGTAAG
TTCTGGTGTACATCTGAGGGGAAAAAGAATTTTAAAAAGCATTAAAGGTATAATTTATTTGTAATAATC
CATAAAGTACTTCTGTACAGTATTAGATTACAAATGCCATATACTAGTTATATTTTTCTACTTGTT
AAATGGAGGGCATTGTTGATTGTTTTTCATGGTTGTTAACATTGTGTAATATGTCTCTATATGAAGGAA
CTAAACTATTTCACTGAAAAAAGATTTTTCTGGAGACGCTATGTTTTTTGAATATAATTA
ACTTGCCCCAACTCAAATAGCTGTCTGTGTTGCAATCATTGCAAAATCTAAATCTTTTGTACTTA
AAAAACATGTTTTTCATGGCTATTACAATCCTCTCTCCCTCTCCTTTCTGCATTGCTTTTTTAA
TTTTAATGTCTCATTGTGATCATCAGATTTATTTTTACTTGGATTGTAAGATTTATCTCCTCGCGGAT
TCCTTGTCATTTTTGGAGGTCACAGTTTTACTCATTCCCATGTGTAACCTCAAGTAAACAAGCAATA
TTCAGGATGGAGAAGCAGTTAGTGACTGGCTAGAGGTCTCTTGGGATCCATCTTGACCTCAAAGAATAT
TTGCACATGCTTCTGATCTCAGCAGTTATAATAAGAGGATTAACCCCTTGGCCTTCAGAATGATCTTG
GACCTGGATACTTTGCCCCAGGTGGCAGCTGGCCTCCAGAAAGCCAATTAGAATAGAAAAGAGAACTG
CGAAATCTATGCGTGTCTTCATCCTGTCCGTTCTGTGAAAGGCTGACTAAAAGGGTAGTAGTCTTTTGC
TTAGTCTGAAAGTCTGCTTACTTCTGAAAGACACATTGGCATTATAGACATATATCCATATGCACTG
AGACATAAATATGTGTATGTTTCAAAATCAACTCTAAATTTGGAGTCTGAATGTGAAAGAAAAAGTAA
GTTCCCAAGTGTGAAGTTAAAAAGAGAAAAGGGCAGAGTTGAAGGTAGCACCTAAGAGAACCCTGTA
CCTGCCCCAGAGAGTGGCTGGAGTTCAGTTTTACTTCTGCCCTGAGCAGCCAGCTTGTGGAGATG
GTCACATAAACCCCTTCTATCCTCAGTTTTTTCATGCATTCTTTCATGCAGTCAGCCTTTTACAGAATTA
AACCCATTGGATTTTAAATAAAAAAAAACATTCATTACAGTAAAAGAGAAAATACAAAACAGCAAAAATA
AACCGGCTTCTGACATGGTTTATACCGCAGGAAAATGACAGAAAATGGACGTTATTAATCATCTCTCTAC
ACTTAAGAACTCATTGAAATTTCTCAAGCAACCCAGGATGCAGATATTATTATGGAAATTTCAAAGA
GGAGGAATTAGGCCAGAGAACATGAGAACTTGCCCAAGGTCACATTGACTATAAACTCAGGCTTAGA
GGCTACTCAGAGCCAAAGCACAGGTTATTTATGTATTTAGTTTTTACCCAACCTTTCTGAACTCAAAA
GGAAAAGCCAGACTCAGAGCCAGTTCTTCTGACCTGACTTAACATTTCTCCAGGTGCCAAATATC
TTCCATCCTAAGAGGTGTGCCAGATACAGGAAGGGCAAGAAGAAGCCTGCATTTTTCTCAGCAGTGT
TATCAGGGAAGTGAGTCACCTTGGTACGTTTCAGCAGCTCCAGCCTGACCTGACCTTAGCATGGCCTAT
GCCCCACCCCATATCATGAACAGAGAGCAGAGAGGATGCCTTCTCTTTAGAATCCATTGAAGTTGTCA
TTAAGCCATCATCTCCCAGAGGAAGTGCAGAAAATTTACAGCAGGCCCTGGTGGACATGGTACT
TTTCAATAGGCAGAGAGCCTCCCTCTGCAGCACATCGTTGGATCTTGCTTTTACCATACTCCTTGAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGATTTTCGATTCACCGCCGCTTCTATGAAAGG
    
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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_005114.4](#)

Summary: Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It possesses both heparan sulfate glucosaminyl 3-O-sulfotransferase activity, anticoagulant heparan sulfate conversion activity, and is a rate limiting enzyme for synthesis of anticoagulant heparan. This enzyme is an intraluminal Golgi resident protein. [provided by RefSeq, Jul 2008]

Locus ID: 9957

MW: 77