

Product datasheet for **SC215913**

HS3ST5 (NM_153612) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HS3ST5 (NM_153612) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HS3ST5
Synonyms:	3-OST-5; 3OST5; HS3OST5; NBLA04021
ACCN:	NM_153612
Insert Size:	1691 bp



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Insert Sequence: >SC215913 3'UTR clone of NM_153612
The sequence shown below is from the reference sequence of NM_153612. 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
ATCACTGGGAGGACATTGAACTGGCCCTAAAATAATATGTCATACAACACTATGTGTTGTGCTGGAGA
CACACAATGTCTCCTGTAGATTAATAATATGCACTTTTCTAGGCAGAGCTATCCAAGTCATTTTTCCAT
GTATATTTGTACATACGCAGTGTGTGACCAATAAAGATCAGTCTTTTTCTACTGAAAATTTACGAA
AAAAAAAAAATTGCTGTCTGCATAGTCGCATCTTTAAGCTATTTACAAAAGAGAAGAGGTGGTGGTAT
TGGGGGAAAGTGACTTCAGCTATTCTCAAAGAGTTAGTCTTCTTTGATTGAGAAATTTGCACCCGCCA
TTTTCATAGATTTAAGCCAAAAGATAAATGTGTGAAAATGTACCAATGGCTGCGAAGCTTCAGGAAGTA
GAGGATCCAGTGATGCATTTTTTTTTCTAAGGGAAAGCTGGCTCTTAATTCAGATGCTGAATGGT
GCCATGAAAACAGAAAATGCTATTTTCTATTATTTAAAAGAAGCTTATCTCATAAAAATGACATTG
TTCCAAAGTTCTGTGGTGATTTTGCACTATTGTTTTCTCGTATGGACCATGGTGTCACTGTAGCATG
TCAATCACACATTGAAAAGTCAAGTCTTTTACTTCCATGTTGTATGTCAACAGAGAGAAAATGTCATGT
ACATAATGTATATTGTTGTAATACTGGTTTCACACTAAGTAATTCTATTTTGTAAAATGAATGGCT
ATTTAATTTATTGTGAAAATTAATTTATTGTGGTATTTAAAAATGGAATGGATTAAAATTAATCTATG
TGCAATTTTTTTTTTTTTTACTCATTTTGTTTACGTGCCCCCTGCTGGCTTCCAAAATGGAAGCTGTT
TACGTGCATATGAGAGCACTTGGAAAGATGTGCTTCCCTGCTGGATTTCTGTACCCAGTGAAAATGTA
TTTATGAAGTGAGTTGAGTATATTAAGAAAGAAAACCTCAACCATCTGAAAATCAAGTATAATAGCC
ACCTCAAAGAACCCTAGTGTCTGCTGCTACAACCTTTGTAACAATTAATTTACTCGCAGTTGCTGCTGC
TCAGGAAGAGAGACAAGGAATATTTTAAACAGAATCAAGGCATAGAAGAATCACCATTTTATTTGAACCT
CTAATCAGAGTCAGACAGTAGAGAAAATTAATAAGATTAGAAAATCTGTACTGAAAGCTGCTGATGC
TTCAAAAATGAAAACAAGATCTCACAACCTCCTGTTAGTTGAAAATATATCAATTTGCTGAAAAGG
ATTCAGCTGCCTAGTGTGCCATTACTAACATAAACATATGGCTCATATTTCCATCCAGAGAAAATTAAT
GCTAAATTGGTGCCTCGCTAACATCAGATACACTGTATTATGCTTAAATATATTCAGTAAAATGTGGAA
AGGGGTATTAACAACGACAACAAAAGATGGATTTTTTTTTTCTCACAATCACAGTTGCTAATCCAGTG
GGAGATGTTTGAGAGAGTTTTGTTCAACATCACAGTGAGAGTGCCTAGGGAAATCAGAAAATTACAATG
GATTCCCCTTTGATTGTAATAAGTGTGATTTTCTCCATGAGTTGTTATCCTGTCTAGTATTTGATG
GTGAACTTTTCTAAATAAATAGCCCTTTCCCTCC
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_153612.4](#)

Summary: HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied by OMIM, Mar 2008]

Locus ID: 222537

MW: 65.3