

Product datasheet for **SC207352**

HS2ST1 (NM_001134492) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HS2ST1 (NM_001134492) Human 3' UTR Clone
Symbol: HS2ST1
Synonyms: dj604K5.2; NFSRA
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001134492
Insert Size: 536 bp
Insert Sequence: >SC207352 3'UTR clone of NM_001134492
The sequence shown below is from the reference sequence of NM_001134492. 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  
TTCTGTGGCCATAGCTCCGAATGCTGGTAGGGGAGATAAAGTTGGCTCAGATTGATTATCATCCTTATT  
ATCTCTGTAATCTGTGTTTCATTTACAAAGGGCTAGATATAGGGAAATCGGTGAAAGACTAGACTAAAA  
ATAACATGTAATTCAGTAATATCTAGTTTTGCAGTTACTTTTAAATGCATTTAAAAGATTCTCATGTA  
GAGTGATATCCTAATATCCTTGCATTGTTTTCTGAGATGCCGGTTTTTAGTATTTCTATTTTTGGTGT  
TATGTTTTGCTGTATTCCAGCAGAGCTCTAGAGACTGGGGTGGGGTGGGTGTCATAAATCTTATTT  
TGTCCAAAGCTTACTGTTTTAGCTATTCATGTTAAATTAAGAAAAGGCTTAGTGGTTAAAATTCACCT  
GGTTTTACTGTTAAACTGATTTGACTTTAAGAGAAGCCAAGGTTATGGCTGTGTTTAGTTTGCTAGT  
AAATATCAAGTGGAAAATAAAGATACTTTAATAAGAACTGATTTCTCAGAA  
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA  
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).



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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_001134492.2
Summary:	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. This gene encodes a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq, Aug 2008]
Locus ID:	9653
MW:	20.4