

Product datasheet for **SC214611**

HS3ST4 (NM_006040) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	HS3ST4
Synonyms:	3-OST-4; 3OST4; 30ST4; h3-OST-4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_006040
Insert Size:	1467 bp



Insert Sequence:

>SC214611 3'UTR clone of NM_006040

The sequence shown below is from the reference sequence of NM_006040. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAGTGGGAACAGGAAGAGGGTGATAAATGAGGCTAGAGAGGCAGAGGAAGGCTAGTCAATAAGCTAAGG
AGGCTCCTTGCCTGAGTCTTGAATACCCAGCTTCTGCAGCTTCACTTGTGGAGTGCCAAGTAGATC
TCCTCCTCCTTCATGCAGCCAGGATTGCCTCCAGTGCTGTAGCTTAGGCAACAGGTGGATCCCATGG
CATCCCCATGGAGAACAGGCCCATCTGGGCAGCAGCATCTGGTTGACCAGATGGCCACCAGAACCCA
CTGTTTCAATCTTATCTTCTGCTAGTTAATATAGCCTGAAGACAGAGGATAAATAGTTGTCAATGTGAGA
GACAGTGCTATTAATGTATATGTGAGCGACAAAAAGGTCTGCTTTATAGGGGTTCTCACTCTAGCTTG
GGGAGCCAGGGTCTAGCCCTGTATCTGTATGGGCACCTGCTGTAAACCTCTGCTTGGGCTTCTCC
CCAGAATGCACTTTGTGGCTGAGTGTCCAGGACTCTAGGGAGCAAGGTCTCCCTCTAAGGTGTTTC
TAGTCTTCTCTTTAAAGGTCTCATCCACAACCCCTGACTTCTCCCTCCCAATCATGAAGGCAGAG
GCATGCACATTCCTCACTGAAAAAGAAAACACACACCCACCCACACACACACAGAAAGAAAATGAA
AGCTGACACACCTCGAAGCCTCTTTCCAAGAGCCCTCTAAATGGGGTTGGGTCTCACTCTTCATGAGT
ATCCTGGGTTGTGCAGAAAGCTTAGCATATGCCCTTGTGTTGCGATCAGGCCACAGGGCTGCTCAAGA
GTAGAGTAATTGTAAACGAGGTCAGAGCTCTGGGGTTGGCAGAGATGAGTGGCCATATCTGGGGGTAAA
AGAAGAAATCCTGTCTCTTGGTGGGAGGTTACCTTACCTGAAGACCATCTCTCCAAGCACTGTAGTT
CTGAGCATGTTTTTGGGGTGGACTCTGTCCCTAGGGTCCCTAGAAGGGCAAAGACCAGAGAGTTGACA
AGTCTGTTATTAGGAATAATCCTTAGCCATGTAATGGAGAAAGGAGCAGTCAGCATTCTTCAATTTGC
CCCACCACCACCTCCTCGGGTTCATTTTCTCTATTTAGAGATGGCAGAGAGTGAGGTAGTGGCGAGAA
AGCTGACTCCATTTCATCAGATCCAGTTTATGAGGGTTGGGGTGAGCAAGGGCTGTCTGCAGAAACCCC
CATCAAGAGCTGCTGAATGAAGTGCCCTTCCCATCAGTTTGATTCAATTAATGCATCATTGACAT
AAAGCACTTGTTTACAGATCTCCAAACAGGAATTGTTCTAGTAAACTGGAAATTTGTATGAGTGGG
GGGAGTTAAATCTGTTTACGCTGTTATTAACCTGTCATTCTCCCGCTAAATGAAAACCGTGTTGTATA
AAGCTTAATGCAACCTGA
ACGCGTAAGCGGCCCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_006040.3](#)

Summary:

This gene encodes the enzyme heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4. This enzyme generates 3-O-sulfated glucosaminyl residues in heparan sulfate. Cell surface heparan sulfate is used as a receptor by herpes simplex virus type 1 (HSV-1), and expression of this gene is thought to play a role in HSV-1 pathogenesis. [provided by RefSeq, Jul 2008]

Locus ID: 9951

MW: 54.2