

Product datasheet for MR223234

Hs3st2 (NM_001081327) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hs3st2 (NM_001081327) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hs3st2
Synonyms:	6430516N12Rik; A830061E14Rik; AW491345
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223234 representing NM_001081327 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTATAGGTCCTGGGCCGCGGGGCCACCTCAGCCGCGGAGAGCGCGCAGGCTGCTTTCGCCT
TCACACTGTCCTGTCTGCACTTACCTGTGTTACAGTTCCTGTGCTGCGACGGTCTGGGCCAGAG
CCGCTGCTCGGCGCACCGGTTGCTCCGCGGCCAGCGCAAGCGGCCAGAACTTCTGGCGAAGTCC
CGCCCGTGTGATCCCCGGGGCCGACGCCAGTGAGCCAGCGCTCCAGCGCGCCCGCTGCCGCTC
CAGCACCGCGCTCTCCGGATCCAATCACTCTGGCTCCCGAAGCCAGGCACAAACGGTGCCCAAGC
CCTCATTGTGGCGTCAAGAAAGGGGAACTCGGGCGGTGCTGGAGTTTATCCGCGTGCACCCGGACGTG
CGGGCCTTGGGCACTGAGCCCCACTTCTTCGACAGGAACTACGGACGAGGACTGGACTGGTACAGGAGCC
TGATGCCGAGGACCTTGAGACCCAGATCACACTGGAGAAGACGCCAGCTATTTTCGTCACCTCAAGAAGC
CCCTCGACGGATCTTCAACATGTCACGAGACACCAAGCTGATAGTGGTGGTGCAGAACCCAGTGACCCGA
GCCATCTGACTACACGCACTCTTCCAAGAAGCCGACATCCCCACCTTCGAGGGCCTGTCTTCC
GCAACCGAGTCTAGGCTGGTGGACGTGCTTGAACGCTATCCGATTGGCATGTATGCACTGCACCT
GGAAAGCTGGCTGCGTACTTCCCACTGGCCAGATCCACTTCGTCAGTGGAGAGCGGCTCATCACCGAC
CCTGCTGGTGAGATGGTTCGATTCAGGACTTCTGGGCATCAAGAGATTCATCACAGCAAGCACTTCT
ACTTCAACAAGACCAAAGGATTCCTTGCTTGAAGAAACAGAGTCAACCTCCTGCCTCGATGCCCTGGG
CAAATCAAAGGGAGAATCATGTACAGATCGACCCTGAAGTTATAGACCAGCTCCGGGAATTTTATAGA
CCTTATAATATTAATTTTATGAAACTGTTGGGCAAGACTTCCGGTGGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001081327.1](#), [NP_001074796.1](#)

RefSeq Size: 2270 bp

RefSeq ORF: 1104 bp

Locus ID: 195646

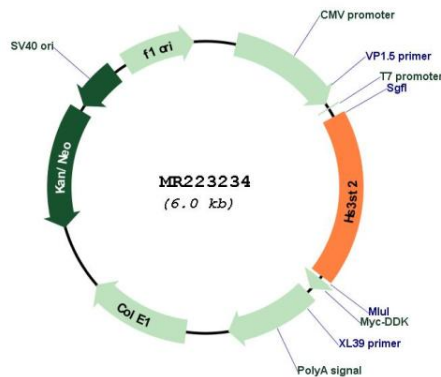
UniProt ID: [Q673U1](#)

Cytogenetics: 7 65.07 cM

MW: 41.8 kDa

Gene Summary: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to an N-unsubstituted glucosamine linked to a 2-O-sulfo iduronic acid unit on heparan sulfate. Catalyzes the O-sulfation of glucosamine in GlcA2S-GlcNS. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223234