

Product datasheet for MC214535

Hs3st6 (NM_001012402) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Hs3st6

Synonyms: 3-OST-6

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC214535 representing NM_001012402
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGTAGCGGTGGCTGGGCGGCGGGCCGGTGACCTCCAGGGTGCGGGGACGGGCCAGGGGACTG
CACTGCGTGCTCTCCGTGCTCCGCTGGCGCTCGTAGTTCTGTTGCTAAGCGCCTACTGCCTCTTCGCCCT
CCCCGGCGGCTGTCCACCTGCCGCCGCGCCCCGTGCTCCGGTTCCTGCACCCGCCGAGCCGCCACACC
TCCCTCCGTCTGAGAGCACCCGGCTGCCGGTGCCAGCGGCCGGGCGCCGGCGCTTTCCTCAGGCGC
TCATTGTGGGTGTGAAGAAAGGCGGCACGCGCGCATTGCTGGAGTTCTGCGGTTGCACCCGACGTCCG
TGCACTTGGCTCTGAACCCCACTTCTCGACAGGTGCTATGATCGCGGCTCGCCTGGTACCGGGCCTA
ATGCCACGGACCCTGGATGGGCAGATCACCATGGAGAAGACGCCAGCTACTTTGTGACTCAGGAGGCTC
CCCGCCGAATCCATGGCATGTCCCAGATACCAAGCTGATTGTGGTGGTGCAGAACCCGTGACCCGGC
CATCTCTGATTATGCACAGACACTCTCAAGACCCAGGCTTGCTAGCTTCCGTGCCCTGGCCTTCCGC
CACGGCCTGGGTCCCGTGGACACAGCTGGAGTGTGTGCGCATTGGCCTCTATGCTCAGCACTTGGACA
ACTGGCTCCGCTACTTTCTCTGTCCCACTTCTGTTGTGAAGCGGTGAGCGCCTGGTCAGTGATCCAGC
TGGCGAAGTGGCCGTGTACAGGACTTTCTGGGTCTCAAACGGGTTGTCACTGACAAGCACTTCTACTTC
AATGCTACTAAGGCTTCCCCTGCCTCAAAAAGGCCAGGGTAGTGGGAGACCCCGCTGCTTGGGTAAAT
CCAAGGGCCGCTCACCCCGAGTGCCGAGGAGTGGTTTCAGCGCTGCAGGCTTCTACCGGCCATT
CAACCGCAAGTTCTACCAGATGACTGGCCAGGACTTTGGCTGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001012402
Insert Size:	1029 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001012402.1 , NP_001012402.1
RefSeq Size:	1234 bp
RefSeq ORF:	1029 bp
Locus ID:	328779
UniProt ID:	Q5GFD5
Cytogenetics:	17 A3.3
Gene Summary:	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to heparan sulfate. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate.[UniProtKB/Swiss-Prot Function]