

Product datasheet for **RR216542**

Hs3st3b1 (NM_001191646) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hs3st3b1 (NM_001191646) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hs3st3b1
Synonyms: Hs3st3b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216542 representing NM_001191646
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGGCAGCGCCTGAGCGGGCGCGGTCCTGCCTCGATGTCCCGGGCCGGTTCCTGCCGACGCCCGCC
 CGCCCCCGCCCGGTGAGGAGGAAGCTCGCGTGCTCTTCGCCATGCTTTGCATCTGGTGTACATGTT
 CCTGTACTCGTGCCCGCTCTGTACCGCGCTCCGGGCTGCTGCTCTTGGGCTCCGGTCCCGCGCC
 ACTCACGCTCAACCAGCCCTGATCACAGCTCCGAATGAGACATCCCTAAGATGCCCTTCCGGGCACCTC
 CGGCCAACTCACTGGTTGCAGGCAAGGATAAGACAGTAGGCGCCGGGAGCCAGGAGGAGCAGAGTCCAGA
 GGCGCCGACTCCCCAGTCCCATCTCGAGCTTTCAGCGGTGCTGGGAGCAAGCAGTCCCGCAGGCC
 ATCATCATCGGCGTGAAGAAGGGCGGCACGCGGGCGTGTGGAGTTTCTGCGCGTGACCCCGACGTGC
 GCGCCGTGGGCGCGAGCCCACTTTTTCGACCGCAGCTACCACAAAGTCTTGCCTGGTACCGGGACCT
 GATGCCCAGAACCCTTGAGGGACAGATCACCATGGAGAAGACGCCAGCTACTTTGTGACCCGGGAAGCA
 CCCGCACGCATCTCAGCCATGTCCAAGGACACCAAGCTCATCGTGGTGGTGCAGCCCGGTGACCCAGG
 CCATCTCGGACTACACGCAGACGCTGTCCAAGCGCCGGACATCCCGAGCTTCGAGAGCTGACGTTCCG
 CAACCGCAGCGCGGCCCTCATAGACACGCTCTGGAGCGCCATCCAGATCGGTCTGTACGCCAAGCACCTG
 GAGCCCTGGCTGCGCCACTTCCCGCTCGGCCAGATGCTCTTCGTGAGCGGGAGCGCCTGGTGCAGGACC
 CGGCCGGGAGCTGCGCCGCGTGCAGGATTTCTGGGCTCAAGCGCATCATCACCGACAAGCACTTCTA
 CTTCAACCAGACCAAGGGCTTCCCGTGCCTCAAGAAGGCGGAGGGCAGCGGCAAGCCGACTGCCTGGGC
 AAGACTAAGGGCCGCGCACCCACCATCGCGCGGAGGTGCTGCGGCAGCTGCGTGACTTTTACCGGC
 CCTTCAACCGCAAATTTACCAGATGACCGGCCGCGACTTCGGCTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR216542 representing NM_001191646
Red=Cloning site Green=Tags(s)

MGQRLSGGRSCLDVPGRFLPQPPPPPPVRRKLLALLFAMLCIWL YMFLYSCAGSCTAAPGLLLLGSRSRA
 THAQPALITAPNETSPKMPFRAPPANSLVAGKDKTVGAGSQEEQSPEADSPSPISFFSGAGSKLPQA
 I IIGVKKGGTRALLEFLRVHPDVRVGAEPHFDFRSYHKLAWYRDLMPRTLEGQITMEKTPSYFVTREA
 PARISAMSKDTKLIVVVRDPVTRAI SDYTQTL SKRPDIPSFESL TFRNRSAGLIDTSWSAIQIGLYAKHL
 EPWLRHFPLGQMLFVSGERLVSDPAGELRRVQDFLGLKRIITDKHFYFNQTKGFCLKKAEGSGKPHCLG
 KTKGRAHPTIAREVLRQLRDFYRPFNRKFYQMTGRDFGWD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

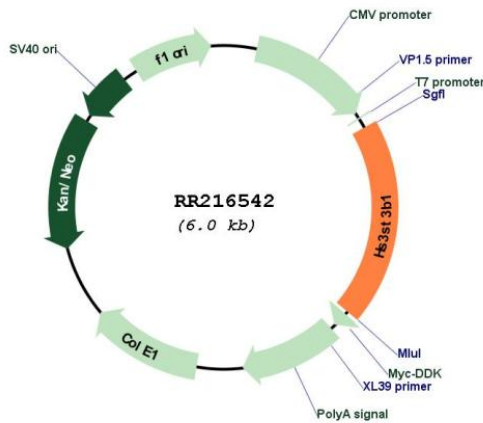
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191646

ORF Size:	1170 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001191646.1 , NP_001178575.1
RefSeq Size:	1612 bp
RefSeq ORF:	1173 bp
Locus ID:	303218
Cytogenetics:	10q23
MW:	43.3 kDa