

## Product datasheet for **RR211784**

### Hs3st5 (NM\_001106392) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hs3st5 (NM\_001106392) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Hs3st5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR211784 representing NM\_001106392  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTATTCAAACAGCAGGTGTGGCTAAGACAGAAGCTCCTGGTGTGGAGCCTTGCTGTTGGGAGCC  
TGCTGTATCTAGTTGCCAGAGTTGGGAGCTTGGATAGGCTCCAGCCATTTGCCCGTTGAAAGTCGATT  
TGGTGTGCCACAACCAGGCTGAGCTCCCACTCCGAGCCCTGCAGTTTAAAAGAGGCTTACTGCATGAG  
TTCCGGAAGGGCAACTCTTCCAAGGAGCAGGTACGCCTCCATGACCTGGTCCAACAGCTCCCAAAGCCA  
TTATCATTGGGGTGAGGAAAGGAGGCACAAGAGCCCTGCTAGAGATGTTGAACCTCCATCCAGCAGTGGT  
CAAAGCTTCCAAGAGATCCACTTCTTTGACAATGACGAAAATTATGCCAAGGGCATTGAGTGGTACAGG  
AAAAAGATGCCTTTTTCTACCCTCAGCAAATCACGATCGAAAAGAGCCCGGCGTATTTTCATCACCGAAG  
AGGTTCCAGAAAGGATTTACAAGATGAACATCCATCAAGCTGTTGATGATTGTCAGGGAGCCGACCAC  
AAGAGCGATTTCTGATTACACTCAGGTGCTAGAGGGGAAGGAGAGGAAGAACAACCTACTATAAGTTT  
GAAAAGCTGGCCATAGACCCTAATACCTGCGAGGTGAACACGAAATACAAGGCAGTTAGGACCAGCATCT  
ACACAAAACATCTGGAGCGCTGGTTGAAGTACTTCCCATTGAACAGTTTACATCGTGGACGGGGACCG  
TCTCATACCGAGCCTCTGCCAGAACTTCACTGGTGGAGAAATCTTAAACCTTCTCCGAGGATAAGT  
CAGTACAATTTATATTTCAATGCTACCAGAGGTTTTACTGTTTTCGATTTAACATTATCTTTAATAAGT  
GCCTGGCGGGCAGCAAGGGGCGCATCCATCCAGAGGTAGACCCCTCCGTCGTTACCAAATTCGCGAAAT  
CTTTATCCCTTTAATCAAAAATTTTACCAGATCACTGGGAGGACATTGAACTGGCCC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR211784 representing NM\_001106392  
Red=Cloning site Green=Tags(s)

MLFKQQVWLRQKLLVLGSLAVGSLLYLVARVGSGLDRLQPICVESRFGAAHNQAELPLRALQFKRGLLHE  
 FRKGNSSKEQVRLHDLVQQLPKAIIIGVRKGGTRALLEMLNLHPAVVKASQEIHFNDNDENYAKGIEWYR  
 KKMPFSYPQQITIEKSPAYFITEEVPERIYKMNSSIKLLMIVREPTTRAI SDYTQVLEGGKERNKTYKYF  
 EKLAIDPNTCEVNTKYKAVRTSIYTKHLERWLKYFPIEQFHIVDGDRLITEPLPELQLVEKFLNLP  
 PRIS QYNLYFNATRIFYCLRFNIIIFNKCLAGSKGRIHPEVDPSVVTKLKRFHFPFNQKFYQITGRTL NWP

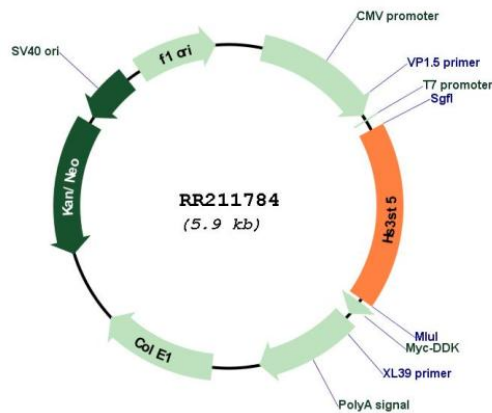
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106392

<b>ORF Size:</b>	1038 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001106392.1</a> , <a href="#">NP_001099862.1</a>
<b>RefSeq Size:</b>	3043 bp
<b>RefSeq ORF:</b>	1041 bp
<b>Locus ID:</b>	294449
<b>Cytogenetics:</b>	20q12
<b>MW:</b>	40.5 kDa