

## Product datasheet for RN204727

### Hes1 (NM\_024360) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hes1 (NM_024360) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hes1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204727 representing NM_024360 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGCTGATATAATGGAGAAAAATTCCTCGTCCCCGGTGGCTGCTACCCAGCCAGTGTCAACACGA  
CACCGGACAAACCAAGACAGCCTCTGAGCACAGAAAGTCATCAAAGCCTATCATGGAGAAGAGGGCGCCG  
GGCAAGAATAAATGAAAGTTTGAGCCAAGTCAAACACTGATTTTGGATGCACTAAGAAAGATAGCTCC  
CGGCATTCCAAGCTGGAGAAGGCAGACATTCTGGAAATGACAGTGAAGCACCTCCGGAACCTGCAGCGGG  
CGCAGATGACCGCCGCTCTCAGCACAGACCCGAGCGTGTGGGGAAGTACCGCGCCGGCTTCAGCGAGTG  
CATGAACGAGGTGACCCGCTTCCGTCCACGTGTGAGGGCGTTAACACCGAGGTGCGCACTCGGCTGCTG  
GGCCACCTGGCCAAGTGCATGACCCAGATCAACGCCATGACCTACCCCGGCAGGCGCACCCCGCCTTGC  
AGGCGCCGCCCGCCGCCCGCCCGTCAAGACCTGGCGGTCCCAGCACGCGCCATTCGCGCCGCCCGCC  
GCTTGTGCCCATCCCGGGGGCGCGGCCCGCCCTCCCGGCAGCGCACCTGCAAGTTGGGAGCCAGGCT  
GGAGAGGCTGCCAAGTTTTTGGCGCTTCCAAGTGGTCCGGCTCCTGACGGCCAATTTGCTTCTCA  
TCCCAATGGGGCCTTCGCCACAGCGGCCCGGTATCCCGGTCTACACCAGCAACAGCGGGACCTCGGT  
GGGTCTAACGCAGTGTGCCTTCCAGCGGCTCCTCGTCACTGCGGACTCCATGTGGAGGCCGTGGCGG  
AACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_024360
Insert Size:	846 bp



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<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_024360.3</a></u> , <u><a href="#">NP_077336.3</a></u>
<b>RefSeq Size:</b>	1436 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	29577
<b>UniProt ID:</b>	<u><a href="#">Q04666</a></u>
<b>Cytogenetics:</b>	11q22
<b>Gene Summary:</b>	may act as a transcriptional repressor; may inhibit cell adhesion molecule NCAM-dependent neurite outgrowth [RGD, Feb 2006]