

Product datasheet for **RN210240**

Hes5 (NM_024383) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hes5 (NM_024383) Rat Untagged Clone
Tag: Tag Free
Symbol: Hes5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN210240 representing NM_024383
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCAAGTACCGTGGCGGTGGAGATGCTCAGTCCCAAGGAGAAAAATCGACTGCGGAAGCCGGTGG
TGGAGAAGATGCGTGGGACCGCATCAACAGCAGCATTGAGCAGCTGAACTGCTGCTGGAGCAGGAGTT
CGCGCGGCACAGCCCAACTCCAACTGGAGAAGGCCGACATCCTGGAGATGGCCGTCAGTACCTGAAG
CACAGCAAAGCCTTCGCCGCGGCCGCCGCCCAAGAGCCTGCACCAGGACTACAGCGAGGGTTACTCGT
GGTCCCTGCAGGAGCGGTGCAGTTCCTGACCCTGCATGCAGCCAGCAGCAGCAGTGAAGCTGCTTTA
CCACTTCCAGCGGCCCCAGCTCCCGCCGCGCCTGTCAAGGAGACCCCGACGCCCGCGCTGCGCCCCAG
CCGGCGCGCTCCTCCACTAAGGCCGCGCCTCCGTCTCCACCTCGCGCCAATCTGCCTGCGGCCTCTGGC
GGCCCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1468_e05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_024383

Insert Size: 501 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).



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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:	<u>NM_024383.1</u> , <u>NP_077359.1</u>
RefSeq Size:	592 bp
RefSeq ORF:	501 bp
Locus ID:	79225
UniProt ID:	<u>Q03062</u>
Cytogenetics:	5q36
Gene Summary:	basic helix-loop-helix (HLH) protein; may function as negative regulator in neural development [RGD, Feb 2006]