

Product datasheet for **RN205638**

Hes2 (NM_019236) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hes2 (NM_019236) Rat Untagged Clone
Tag: Tag Free
Symbol: Hes2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205638 representing NM_019236
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGACTGCCTAGAGGAGTAGGGACCGCCAGAGCTGCGCAAGAGCCTGAAGCCACTGCTGGAGAAGC
GCCGGCGCGCGGATCAATGAGAGCCTGAGCCAGCTAAAGGGTCTAGTATTGCCGTGCTAGGAGCAGA
GACTTCCCGCTATTCGAAGTTGGAGAAGCGGACATCCTGGAAATGACTGTGCGTTCCTACGGGAGCAG
CCTGCGTCAGTATGTTCCACGGAAGCACCTGGGTCTTTGGATAGCTACCTCGAGGGTTACCGAGCCTGTC
TGGCGCGCCTGGCCCGCTGCTGCCCGCTGCAGCGTCTGGAGCCGGCCGTGAGCGCGCCTGTAGA
GCACCTGCAGAGGACTGTCAGTGGCGGCCCGCCCTACTGACCCAGCATCCGCTTCAGCTCCAGCA
CCCTCTCTCCGGTGCCTCTCCAAGCAGCCTTGGACTTTGGAGGCCATGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019236
Insert Size: 474 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).



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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.

RefSeq: [NM_019236.1](#), [NP_062109.1](#)

RefSeq Size: 647 bp

RefSeq ORF: 474 bp

Locus ID: 29567

UniProt ID: [P35429](#)

Cytogenetics: 5q36

Gene Summary: helix-loop-helix transcription factor; may act as a negative regulator of gene transcription [RGD, Feb 2006]