

Product datasheet for **MC207510**

Hes6 (NM_019479) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hes6 (NM_019479) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hes6
Synonyms: AI326893; bHLHb41
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207510 representing NM_019479
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCCGTCCCAGGCGCCAGCCGGGACCGTGCAGGCCAGGAGGATGAGGACCGCTGGGAAGCACGGG
GGGACCGCAAGGCCCGGAAGCCCTTGGTGGAGAAGAAGCGACGCGCACGGATCAACGAGAGTCTTCAGGA
GCTGCGGCTGCTGCTGGCCGGTACCGAGGTGCAGGCCAAGCTAGAGAACCGCGAGGTTCTGGAGCTGACC
GTGAGGCGCGTGCAGGGCGCGTGCAGGCGCGGCGCGAGCGGGAGCAGCTGCAGGCTGAAGCAAGCG
AGCGCTTCGCTGCTGGCTACATCCAGTGCATGCATGAGGTGCACACGTTCTGTCCACGTGCCAAGCCAT
CGATGCCACTGTCTCAGCTGAACCTCTGAACCACCTGCTAGAATCCATGCCACTGCGCGAGGGTAGCAGC
TTTCAGGATCTGCTGGGGACTCCCTAGCTGGGCTGCCTGGAGGCTCTGGGAGGAGCAGCTGGCCTCCAG
GAGGGTCCCAGAATCCCATTGTCCAGTCCCCAGGTCCCGGGGACGACCTGTGTTCTGACCTAGAGGA
GATCCCAGAGGCTGAACAAACCGGGTGCCTGCTGAGGGCCGGATTTGGTGTCTACATCCTTAGGCAGC
CTGACTGCAGCTCGCCGGGCTCAGAGTGTGTGGAGGCCTTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019479
Insert Size: 675 bp



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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).
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_019479.3 , NP_062352.1
RefSeq Size:	1335 bp
RefSeq ORF:	675 bp
Locus ID:	55927
UniProt ID:	Q9JHE6
Cytogenetics:	1 D
Gene Summary:	<p>Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up-regulate transcription in its presence. Promotes cell differentiation. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>