

Product datasheet for MR223641

Hes7 (NM_033041) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hes7 (NM_033041) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hes7
Synonyms:	bHLHb37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223641 representing NM_033041 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCACCCGGGAGCGAGCTGAGAATAGGGACGGCCCAAGATGCTGAAGCCGTTGGTGGAGAAGCGGC
GCCGGGACCGCATCAACCGCAGCCTAGAAGAGCTGAGGCTGTGCTCCTGGAGAGGACCAGGGACCAGAA
CCTCCGGAACCCGAAGCTGGAGAAAGCGGAGATACTGGAGTTCGCCGTGGGCTACTTGAGGGAGCGAAGC
CGGGTGGAGCCCCGGGGTTCCCCGGTCCCCAGGCCAGGACGCCGAGGCGCTCGCCAGCTGCTACTTGT
CCGGCTTCGCGAGTGCCTGCTTCGCTTGCGCGCCTTTGCGCACGACGCCAGCCCGCCGACGCTCCCA
GCTTTTCTCCGCGCTGCACGGCTACCGGCGCCCAAAACCGCCCGGCGGAGGCGGTAGATCCAGGGCTC
CCAGCGCCGCGCCACCCTGGACCCCGCTTACCAATCCTTGGCCCCGCGCTGCACCAGCGCCCCCAG
TGCACCAGGGCCCTCCTAGTCCCCGCTCGCTTGGTCCCCATCCCACTGCTCCTCTCGCGCCGGGATTC
GGGCGCGCCGGCGCCCTCACCGGACTGCTGCCGCCACCGCCACCGCCTTACAGACAAGACGGGGCGCC
AAGGCCCGTCACTCCCACCGCCCGCTTTGGAGACCTTGCCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_033041.4](#), [NP_149030.2](#)

RefSeq Size: 964 bp

RefSeq ORF: 678 bp

Locus ID: 84653

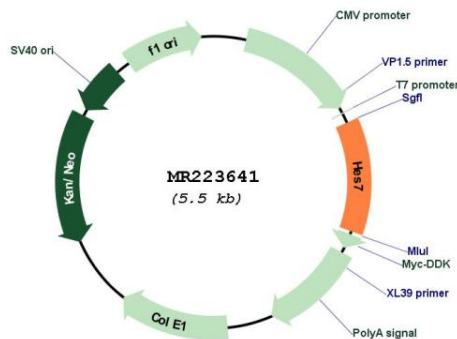
UniProt ID: [Q8BKT2](#)

Cytogenetics: 11 42.38 cM

MW: 25.3 kDa

Gene Summary: Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223641