

Product datasheet for **RG219701**

HES7 (NM_032580) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HES7 (NM_032580) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HES7
Synonyms:	bHLHb37; SCDO4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219701 representing NM_032580 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCACCCGGGATCGAGCTGAGAATAGGGACGGCCCAAGATGCTCAAGCCGCTTGTGGAGAAGCGGC
GCCGGGACCGCATCAACCGCAGCCTGGAAGAGCTGAGGCTGCTGCTGCTGGAGCGGACCCGGGACCAGAA
CCTCCGGAACCCGAAGCTGGAGAAAGCGGAGATATTGGAGTTCGCCGTGGGCTACTTGAGGGAGCGAAGC
CGGGTGGAGCCCCGGGGTTCCCCGGTCCCAGTCCAGGACGCCAAGGCGCTCGCCAGCTGCTACTTGT
CCGGTTTCCGCGAGTGCCTGCTTCGCTTGGCGGCCATCGCGCACGACGCCAGCCGACCGCCCGGCCCA
GCTCTTCTCCGCGCTGCACGGCTATCTGCGCCCCAAACCGCCCCGCCAAGCCGGTAGATCCGAGGCCCT
CCAGCGCCGCGCCATCCCTGGACCCCGCCGACCCGGCCCTTGGCCCTGCGCTGCACCAGCGCCCCCAG
TGCACCAGGGCCACCCTAGCCCGCGCTGCGCATGGTCCCCATCCCTCTGCTCCCCGCGCGCCGGGATTC
TGGCGCGCCGGCGCCCTCACCGGACTGCTGCCGCCACCGCCGCTCACAGACAAGACGGGGCGCCC
AAGGCCCGCTGCCCGCCCGCCGCTTCTGGAGACCTTGGCCC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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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_032580.1](#), [NP_115969.1](#)

RefSeq Size: 678 bp

RefSeq ORF: 678 bp

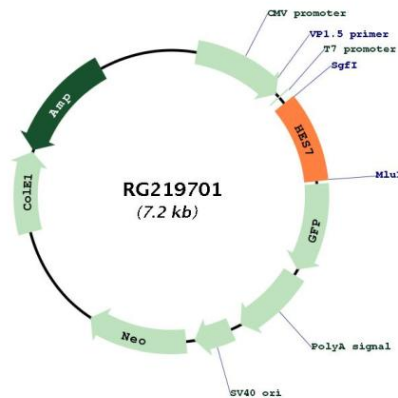
Locus ID: 84667

UniProt ID: [F8VPC9](#)

Cytogenetics: 17p13.1

Gene Summary: This gene encodes a member of the hairy and enhancer of split family of bHLH transcription factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Product images:



Circular map for RG219701