

Product datasheet for **SC301536**

HES5 (NM_001010926) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HES5 (NM_001010926) Human Untagged Clone
Tag:	Tag Free
Symbol:	HES5
Synonyms:	bHLHb38
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001010926 edited ATGGCCCCAGCACTGTGGCCGTGGAGCTGCTCAGCCCCAAGAGAAAAACCGACTGCGG AAGCCGGTGGTGGAGAAGATGCGCCGCGACCGCATCAACAGCAGCATCGAGCAGCTGAAG CTGCTGCTGGAGCAGGAGTTCGCGCGGCACCAGCCCAACTCCAAGCTGGAGAAGGCCGAC ATCCTGGAGATGGCTGTGCTAGCTACCTGAAGCACAGCAAAGCCTTCGTGCGCCGCCGCGG CCCAAGAGCCTGCACCAGGACTACAGCGAAGGCTACTCGTGGTGCCTGCAGGAGGCCGTG CAGTTCCTGACGCTCCACGCCGCGCAGCGACACGCAGATGAAGCTGCTGTACCACTCCAG CGGCCCCCGGCCGCGCCCGCCGCGCCCAAGGAGCCCAAGGCGCCGGGCGCCGCGCC CCGCCCCGCTCTCCGCCAAGGCCACCGCCGCGCCGCGCCGCGCACCAGCCCGCTGC GGCCTCTGGCGGCCCTGGTGA
Restriction Sites:	Please inquire
ACCN:	NM_001010926
Insert Size:	1300 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001010926.1.
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_001010926.1](#), [NP_001010926.1](#)

RefSeq Size: 1306 bp

RefSeq ORF: 501 bp

Locus ID: 388585

UniProt ID: [Q5TA89](#)

Cytogenetics: 1p36.32

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways: Notch signaling pathway

Gene Summary: This gene encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer. [provided by RefSeq, Dec 2008]