

Product datasheet for **SC304669**

HES2 (NM_019089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HES2 (NM_019089) Human Untagged Clone
Tag:	Tag Free
Symbol:	HES2
Synonyms:	bHLHb40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_019089 edited ATGGGGCTGCCTCGCCGGGCAGGGGACGCGGCGGAGCTGCGCAAGAGCCTGAAGCCGCTG CTGGAGAAGCGCCGCGCGCGCATCAACCAGAGCCTGAGCCAGCTTAAGGGGCTCATC CTGCCGCTGCTGGCCGGGAGAAGCTCCAAGCTGCTCGAAGCTAGAGAAGGCAGACGTCCTG GAAATGACCGTGCCTTCTGCAGGAGCTGCCTGCGTCCATGGCCACGGCAGCGCCC CTGCCTTGCGACAGCTACCGCGAGGGCTACAGCGCCTGTGTGGCGCGCCTGGCCCGCTG CTGCCCGCTGCCGTGTCTGGAGCCCGCGTGAGCGCGCGCCTGCTGGAGCACCTGTGG CGGAGAGCGGCCAGCGCCACCCTGGACGGCGGGCGCGCTGGGGATTCCAGTGGCCCGTCT GCCCCGCCCCAGCGCCCGCTGCCCCAGAGCCCGCATCCGCTCCGGTGCCTCGCCG CCCTCGCCTCCCTGCGGCCCTGGCCTCTGGCGGCCGTGGTAG
Restriction Sites:	Please inquire
ACCN:	NM_019089
Insert Size:	530 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 open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_019089.3](#), [NP_061962.2](#)

RefSeq Size: 4259 bp

RefSeq ORF: 522 bp

Locus ID: 54626

UniProt ID: [Q9Y543](#)

Cytogenetics: 1p36.31

Gene Summary: Transcriptional repressor of genes that require a bHLH protein for their transcription.
[UniProtKB/Swiss-Prot Function]