

Product datasheet for **SC325659**

HES4 (NM_001142467) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HES4 (NM_001142467) Human Untagged Clone
Tag:	Tag Free
Symbol:	HES4
Synonyms:	bHLHb42
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001142467 edited CGGGACCCGCCCTAGGGGCTCGGATCGCCGCGCGCTCGCCGCTCGCCCGCCAGCCCGCC GTGGTCCGTGGCGGCGCGCTCCACCCGGCACGGGAGGCGGGGGCGCACCATGGCCGCA GACACGCCGGGAAACCGAGCGCCTCGCCGATGGCAGGAGCGCCGCCAGCGCCAGCCGG ACCCAGACAAGCCCGAGCGCGGCGGAGCACCGCAAGGTGGGGTCCCGCCGGGCGTG AGTGGGGCGACCGGGGGCGGGAGGACGCGGACTCAGCCGGTCCCGACCCGCGAGTCC TCCAAGCCGGTCAATGGAGAAGCGGCGCCGAGCGCGTATTAACGAGAGCCTCGCTCAGCTC AAAACCTCATCCTGGACGCCCTCAGAAAAGAGAGCTCCCGCCACTCGAAGCTGGAGAAG GCGGACATCCTGGAGATGACCGTGAGACACCTGCGGAGCCTGCGTCGCGTGCAGGTGACG GCCGCGCTCAGCGCCGACCCCGCGTTCTGGGCAAGTACCGCGCCGGCTCCACGAGTGT CTGGCGGAGGTGAACCGTTCTGGCCGCTGCGAGGGCGTCCCGCCGACGTGCGCTCC CGCTGCTGGGCCACCTGGCAGCCTGCCTGCGCCAGCTGGGACCTCCCGCCGCCCGGCC TCGCTGTCCCGGCTGCCCGCAGAGGCCCCAGCGCCCGAGGTCTACGGGGCCCGCCCG CTGCTGCCATCGCTCGGGCGCCCTTCCCTCTGCTCGCGCCGCGCTGCTGCCGGGTCTG ACCCGGGCGCTGCCCGCCGCCCCAGGGCGGGGCCGAGGGCCCGGGTGGGCCCTGGAGG CCGTGGCTGCGCTGAGGCTGTGGCCCTGAGACTGCATCGGAGGCGGCGCCCGTTCTAGG GCCGTGGCCTTTGCCGAGACTGTAGCAGAGAAAACGTATTTATTATTCAAAAAAAAAAAA AAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_001142467
Insert Size:	1000 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001142467.1.
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).
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:	<u>NM_001142467.1</u> , <u>NP_001135939.1</u>
RefSeq Size:	1053 bp
RefSeq ORF:	744 bp
Locus ID:	57801
UniProt ID:	<u>Q9HCC6</u>
Cytogenetics:	1p36.33
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Transcriptional repressor. Binds DNA on N-box motifs: 5'-CACNAG-3' (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents in-frame inclusion of an alternate intron and encodes a longer protein (isoform 1).