

## Product datasheet for **SC334764**

### HELT (NM\_001300781) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HELT (NM_001300781) Human Untagged Clone
Tag:	Tag Free
Symbol:	HELT
Synonyms:	bHLHb44; HCM1228; HESL; Mgn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300781, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGACAAGCTCAAGGAACGCAAAGAACCCCGTTTCTCATAAAGTGATAGAAAAGCGGAGGAGGG
ACAGGATCAACCGCTGCTTGAACGAGCTGGGCAAGACAGTGCCCATGGCCTTGGCGAAGCAGAGTCCGG
GAAGCTGGAGAAGGCGGAGATCCTCGAGATGACCGTTCAGTACCTGAGAGCACTGCACTCCGCTGATTTT
CCCCGGGAAGGAAAAAGCAGAACTTCTAGCGGAGTTTGCCAACTACTTCCACTATGGCTACCACGAGT
GCATGAAGAACCTGGTGCATTACCTCACCACGGTGGAGCGGATGGAGACCAAGGACACGAAGTACGCGG
CATCCTCGCCTTCTTGCAGTCCAAGGCCCGCTGGGCGGGAGCCCGCCTTCCGCGCTGGGTTTCGCTC
CGGAGCCGATTCTCCTATCAGCTGCACCCTGCGGGGCCGAATTCGCTGGTACAGCCCGGGCGAGG
CCGCTGTGTTCCCGCAGGCTCTGGTGCCGGGCCCTTCCCTGGCGCCTGGCGCGGCCCGCAGCCCCG
GCTGCCCTACCTGCCAGCGCGCAGTGGCGCTCGCTAGCCAGCGCAGCAGCACAGCCCTTCTGACA
CCGGTGCAGGGCCTGGACCGGCATTACCTCAACCTGATCGGCCACGCGCACCCCAACGCCCTTAACCTGC
ACACGCCCCAGCACCCCGGTGCTTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300781
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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001300781.1, NP_001287710.1</u>
<b>RefSeq Size:</b>	849 bp
<b>RefSeq ORF:</b>	729 bp
<b>Locus ID:</b>	391723
<b>UniProt ID:</b>	<u>A6NFD8</u>
<b>Cytogenetics:</b>	4q35.1
<b>Gene Summary:</b>	<p>Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGCG-3'. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>