

## Product datasheet for **MC212982**

### Helt (NM\_173789) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Helt (NM_173789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Helt
Synonyms:	A830086M02; Hesl; Heslike; megane; Mgn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212982 representing NM_173789 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTGACAGGCTCAAGGAACGCAAAGAACCCCGTTTCTCATAAAGTGATAGAAAAGAGAAGGAGGG  
ACCGAATTAACCGCTGCTTGAACGAGCTGGCAAGACAGTCCCTATGGCCCTGGCGAAACAGAGTCCGG  
GAAACTGGAGAAGGCGGAGATCCTGGAGATGACAGTGCAGTACCTCAGAGCTCTGCATTCGCGGATTTT  
CCCCGGGGAAGGAAAAAGACTTTTAGCAGAATTTGCCAACTACTTCCACTACGTTACCACGAGTGCA  
TGAAAGAACCTGGTGCACCTACCTACCACCGTGGAGCGGATGGAGACCAAAGACACCAAGTATGCGCGCAT  
CCTCGCCTTCTTGAATCCAAGGCCCGCTGGCGCCGAGCCACCTTTCCGCGCTCTCGCTTCCGGAG  
CCAGATTTCTCTATCAGCTGCATGCAGCAAGCCAGAGTTCCCGGGCCACAGCCAGGTGAAGCCACAA  
TGTTCCCGCAGGGGGCTACCCAGGGTCATTCCCATGGCTCCTGGAGCTGCCCGCAGCCAGCACTGCC  
TTACTTGTCCAGCGCGACGGTACCTCTCCCAGCCCGCACAGCAGCACAGCCCCCTTCTTGGCTCCGATG  
CAGGGCCTGGACCGGCATTATCTCAATCTGATCGGCCATGGCCACCCCAACGGCTCAACCTGCACACGC  
CCAGCACCCCTCCGGTGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_173789
Insert Size:	723 bp



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<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_173789.4</a> , <a href="#">NP_776150.2</a>
<b>RefSeq Size:</b>	1548 bp
<b>RefSeq ORF:</b>	723 bp
<b>Locus ID:</b>	234219
<b>UniProt ID:</b>	<a href="#">Q7TS99</a>
<b>Cytogenetics:</b>	8 26.32 cM
<b>Gene Summary:</b>	Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGCG-3'. Required for the development of GABAergic neurons.[UniProtKB/Swiss-Prot Function]