

## Product datasheet for MC207299

### Hey1 (NM\_010423) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hey1 (NM_010423) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hey1
Synonyms:	AI316788; AI414254; bHLHb31; CHF2; Herp2; hesr-1; Hesr1; HRT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207299 representing NM_010423 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAAGAGAGCTCACCCAGACTACAGCTCCTCAGATAGTGAGCTGGACGAGACCATCGAGGTGAAAAAGG  
AGAGCGCGGACGAGAATGGAACTTGAGTTCGGCGCTGTGTTCCATGTCCCAACGACATCGTCCCAGGT  
TTTGGCCAGGAAAAGACGGAGAGGCATCATCGAGAAGCGCCGACGAGACCGAATCAATAACAGTTTGTCT  
GAGCTGAGAAGGCTGGTACCCAGTGCCTTTGAGAAGCAGGGATCTGCTAAGCTAGAAAAAGCTGAGATCT  
TGCAGATGACTGTGGATCACCTGAAAATGCTGCACACTGCAGGAGGAAAGGTTATTTTGACGCGCACGC  
CCTGGCTATGGACTATCGGAGTTTGGGGTTTCGGGAATGCCTGGCCGAAGTTGCCCGTTATCTGAGCATC  
ATTGAAGGACTCGATGCCTCCGACCCGCTTCGCCTTCGCCTGGTCTCCATCTCAACAACACTCGCATCCC  
AGCGGGAAGCCGCGAGCGGCGCTCACGGTGGCCTCGGACACATTCCCTGGGGAAGTGCCTTCGGACATCA  
CCCACACATCGCACACCTCTGCTGTGCCCAAGATGGCCACGGGAACGCTGGCACCGCGGCGTCACCC  
ACGGAGCCGCATCACCAGGGCAGGCTGGCTTTCGCCATCCGGAGGCGCCGGCCTTGCGAGCGCCCCCTA  
GTGGCGGCTTGGGACCGGTGCTTCCCGTGGTGACCTCGGCCTCCAACCTGTCTCCACCGTGTCTCTCCTC  
TGTGGCCTCGCTCTCAGCCTTCCCCTTTTCCTTCAGCTCCTTCCACCTACTGAGCCCTTCGACACCCACG  
CAGGCAGCAAACCTTGGCAAGCCCTATAGACCTTGGGGACAGAGATCGGAGCTTTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_010423
Insert Size:	900 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>	<u><a href="#">BC086635</a></u> , <u><a href="#">AAH86635</a></u>
<b>RefSeq Size:</b>	2268 bp
<b>RefSeq ORF:</b>	900 bp
<b>Locus ID:</b>	15213
<b>Cytogenetics:</b>	3 2.15 cM