

## Product datasheet for **MC219143**

### Heatr9 (NM\_001045543) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Heatr9 (NM_001045543) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Heatr9
Synonyms:	Gm11435; OTTMUSG00000000990
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219143 representing NM\_001045543  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGAGCCAAGAAAAACAGGCTGATTTTTTTCAAATCCCCAAGTCAATGGACTATCGAAACCGGAACA  
AAAAATTCAGAAAAGCCATGGCTCCTGTTACCTGCCCTTGCTCCTGTTACAAGGTGCCAAAGGAAGCATT  
TCCCCAAGTCCAGAGTCTGGAGGGTGCATCCAAGCAGGCCAAACGCAACGCCTTGCTCCACTTAGAT  
AAAAAGCCGATCTCTTACACACTGGCGCACCTCAATGAGCAACGCAAGGAACGGGAGTCAAAATCGT  
TGTTTTGGAAAAGAAGAACTTCCAAGTACTTCAAAGACAGTGCCAAATGCCAAACCTCCATGTCTC  
TATCAGCAAGTTGACTTTAAAACCTAAGGAGGGACCAGGGTTGTTAGATCCCACCAAGACCCCTGAAG  
TGGCAAAGTTAAAGGAACCTACCAACGGCTTGAACCTCCACAAGAGGATGAACAGTGTATGCAGCCT  
ACGCTTTAGGGCACCTGGGCATCAGTAAACAGTTTGTGATGGAAGCACTGTGGCAGGTGGCTCAAACCTGG  
TTCAACAAAAGTGAAGAACGAGGCTATAAGTCCCTGGCCAGCCTAGGTTGCTTGGATAAGTCTGTGATC  
AAGGCTTTTCATCAACAGTTGATGGAACACAAGGAAAGTCAAAGGCTGGAGACCTGGTGGGGCTACGAG  
TAGCGCTGAACCTCTGGGCTGCTATGCCTAAGAACAAGAAGCCCGAGGTCCTATGAGGAAAAGCTGGT  
GCTTCTGCTGCAGAACTGATATAACAAGCCACTGAATGAAGAATCCTTAGAGGCAGCCCTGTGCTTGGGG  
TTCCTGAGGCCAGCAACAGCATAGTCCAACAGTCTTGTCTACAATGTCTGAGTAAAGGGTCCATGTCCC  
AGAGGATGAAGGCACTAAGGATGCTGGTCAAGATGATGAATGTTCACTCAGCTGCTGTACCAGGGCCAT  
TTTGAACAGCTACACTAATGTCATTGACGATCGCTTGAAGCCACCCAGATGCTCAAGACTGTTGGG  
CTGGAAAAGATCCAGGCACAGGGGCTGGTGAACCTTACATTTGACTTGCTCAAGAGGAAAATGTATAGT  
AACCCTTCCAAGTAATAAGGCAGGCTGTGTCTGAAACCGTGGATGTGCTCAAGATGAAGCCTTAAATAAT  
GAAACTAATGGAGCGCAACTGATGAGCCAGATGTGAGTACCGTCAAGGAAAGCAATCATCTCTTTGGGT  
GCCCTGGGGATCCGTAACGAAAAGGTGTTCCATTTGCTGCTGGACATGCTAGATGCAGAAGAGACCAAGA  
GTGTGAAGAAGAGCATAACAAGAACTACTTGTGTTGGGCCTCAAGAAATCCATGGATCCAAAACAAGCT  
GACCAACAAGGTTTTCTTTGTGTATGACATACCGAAGGCTGTGAAGACAGAGCATAACAAGTTCCGGAAG  
AAGCCAGAGAGCCAGATGACTTGTGCATCACGGACTTTCGACGGGCTAAGCTGAACCTTTGTTTATAA  
CAAAGGCTACAACAAGCTAGGGGAAAAGCTAGAGGCACCTGCTTCTCATTCTATTTCTCAAACCGAA  
AAAGCAAAGGCCACAGGCCACAGGACCTTGGGAACCAAAAATCAGGGAACAACCTCCGGAACATGGTGTG  
CCTCAAAATAGGTTTCTTTTTGGCTC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001045543

**Insert Size:** 1710 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).

**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:**

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\\_001045543.2](#), [NP\\_001039008.1](#)

**RefSeq Size:** 1856 bp

**RefSeq ORF:** 1710 bp

**Locus ID:** 629303

**UniProt ID:** [Q5QNV8](#)

**Cytogenetics:** 11