

Product datasheet for MC223850

Heatr6 (NM_145432) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Heatr6 (NM_145432) Mouse Untagged Clone
Tag: Tag Free
Symbol: Heatr6
Synonyms: 2700008B19Rik; BB135312; BB249351
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223850 representing NM_145432
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGGTGCAGGTCGCCGCTCTCTTCTTGTGGGCAGCCGCGAGAGGCCCGCGGGAAGTGTCCG
 CGGAGCAGGACGATGGGTTCCGCCGCTTGTCTGCCAGGCTCCGCGCGCTGCAGCCGGATGACAGCACCGT
 GTCCCGCATGGAGATTCACCTGCTTTCGACCAGCTCATCTCCGAGAACTACAGCGAGGGCGCGCGCGT
 GCCCCGAGGATGTCAGTGCTCTTCTTGTGCGAGCTTGTGAGCTGGTGCCTTTAACAGAAATCACCTTG
 TGAGCAAAGTGTGCAACTGATCCATCGTTTGGCTAACAGATTACAGGTGGTGTGGATGAGCCAACTT
 AGATTTCTGTTGACCTACACGATCTCCGCTCTTCAACAGTGTAGCTCTTGGACACACATGGAAATCTT
 CAAGCCCTGGCAGCTCTGGTTTACTGCAATGGCTCAAAATGTCAAAGCATCTCCAGACTTGTGGGCA
 AGAGTGGCCTCTTGATGAAATTGAGTGATTTATCTCACTCTGACCCTGAAGTCAGGAGAGCTGCAGTACA
 CTGTATGGCAAATATGTCTCAGTGTGCCAGGACAGCCATACTGGAGGAGCCCTACCAGCATGTCTGC
 TTCCAAGCTTTCTTGACCATTTACAGTCTCAAAATCGTCTGATATGGATGATATAACATTTTGCATGC
 TGTTACAGAATGCACTGAAAGGCATACAGTCGTTCTCAATGGTGGGAAGATGAGGCTGACGCAGCCGA
 GCACCTGGGAGCGCTTCTCGCTGTGCTGAAGAAAGCCATGTTTACGGACTCCCTGGATTAACATAGAG
 ATGCCCGCAGTGCTATACCCAATCCACTTCTCAGTATGATGGCGATCTCCTGTTAAACCCAGCAGC
 CAGAATCCACTACTGCTCGATCATCTGCGAATAAAAAGAAAAACACAAAGTAAAAACAAAGAAAATCA
 ACAAGGAGAGAAAGCGGAGGAGGAAGAGGAGGAGCCCTGTGGTGAAGTGAAGCAGCACCAGGGCTCAGC
 ATGGACCAGGCGAATGTGAGTGGCGAGAGCGCCTGGTGTCTCCCGTGGGGCTCCAGGGTTTGCCTG
 TGGATGGAGGCAGAGCTGCCGAAGAGAGCAGGCTCCTTGCCTTCGCCTCCTCCAGTGAAGAGAGT
 CAGCAGCAGTGTGTCAGACTATTCGGATGCAGAAGGAGGCATGCAGGGTAAAATGAGTGCATACCAGGCC
 AAGTTTCCCAAGGGGCACTAGCTTGTCTTCTTCTACTATCAAATCAATAGAAAAGAAAGTTCTATACG
 GCTACTGTTCTGCTTTGTTCTGACACGCCGGAGCTCGGAAGCCACAGTCAGTGTCTTAATGACGCT
 CACATTAAGGACCCGCTCCTCAAGACCCGTGCCTGTGCTCTTCAAGTCTGTCTGCCATCTTGAAGGC
 TCAAAGCAGTTCTTTCTGTTGCTGAAGACACTAGTGACCACAAACGGGCTTTCACGCCCTTCTCAGTCA



[View online »](#)

CAATTGCATCCAGCATTAGAGAGTTGCACAGATGTCTTTTGTAGCTTTGGTGGCAGAGTCTCGTCCCA
 GACCCCTACTCAGATAATTAAGTGCCTTGC AAAACCTAGTATCAAACGCCCCCTACAACCGTCTGAAACT
 AGCTTGCTAACCAAAGTCTGGAACCACATAAAGCCTTACATCCGCCACAAAGATGTTAATGTCCGAGTGT
 CAAGTCTCACGCTCCTAGGAGCTATAGTGTCCACTCACGCTCCTTTGCCGGAAGTCCAGCTGCTTCTTCA
 ACAGCCCTGCTCCTCTGGACTCAGCAGCAGCAGCTCAGCAACCCCTCACCTCAGCACTCCTGATGGCTGG
 AAGACATTCCTGCAGGGTCTCTCTGGAAGAAGCATCGCTCAGCTCACCAAAGGGGT CATCGGAGCCCT
 GCTGGCTCATCCGACTCTGCATTTCCACTGTGGTGTGCCAAGGAGGACTCCTGCTCAGGTAGCGATGC
 TGGCTCCGCCCTGGAAGCACCTATGAACCATCCCCATGCGGCTGGAGGCTCTACAGGTTTTGGCTCAC
 CTGGCGAGGGGCTATTTTTCAACGGCTCAGTTGTACTTGATGGAGCTGGGCGAGGTGATCTGTAAGTGCA
 TGTGTGAGGCAAACCCATCCATTCAGCTCCACGGCGTGAAGCTCCTGGAAGAACTGGGTGCAGGCTTGAT
 ACAGCAGTACAAGCCAGATTCCAACATAGCGCCTGAACAGAGAGTGCCAGTCCACCTGGTGGTGGTGTTC
 TGGACTGCGATGCTGAGTGGTCTTTGCCCGAGCCCTGCAGTCTGCAGAGCACCCGACTCTCCAGGCGA
 GCGCCTGTGATGCCCTGTCTCCATCTTGCCAGAGGCCTCAGCAGTCTGCCGAACGACAAGCAGATTTT
 GTGCATTACAGTGTGCTCGGCCTGAATGACAGCAAGAACCATCTAGTAAAAGCCGCCACCTCCAGGGCC
 CTTGGAGTCTACGTGCTTTTCCCGTGCCTCAGACAGGACGTCATATTTGTTGCAGACACAGCAAATGCTA
 TATTGATGTCACCTCAAGATAAGTCACTAAACGTGCGCGCAAAGCAGCCTGGTCCCTGGCAACCTGCAC
 AGATACTCTGATTGTCAACATGGACACACCAGACCCAAGTTTCCAGGATGAGTTCTCTGGACTCCTGCTC
 TTGAAAATGTTGCAAGTGTGCAATACAAGCCTCCACAGACAAAGACAAGGTCAAAGCAATGCGGTCCGGG
 CCCTGGGGAACCTGCTTCATTTTCTCCAGCCCTCTCACGTAGAAAAGGCCAGGTTCCGCTGAAATCATTGA
 GGAGTCCATACAGGCTCTGATCTCCACTGTTGTAACGAGGCGCCATGAAAAGTGCATGGAATGCCTGT
 TACGCGATGGGAAATGTTTTAAAAACCCTGCTTCCACTTGGGACAGCTCCGTGGACCTCCAGGCCT
 ACAAGCCCTGACATCAGTTGTGATGTCATGCAAAAACCTCAAAGTGCATCAGATCTGCCGAGCCCT
 CTCCGTTCCGAGCAAGAGAGGACAGTACGGGTCCCTAGAACAGTTCATCCAGATCTGGAGTGGCTGGTC
 ACTGCCCTGCAGAAGAGCGAAGACACCACAGACTTCTGGAGTTCAAGTACTGTGCCAGCCTGCGGACTC
 ACATCTGCCAGGCGCTGCTTACCTCCTGAGCCTAGCCAGTGCCTCAGACCTGCCCGCATTCAAGAAAC
 TCTTAAGTGCATGGGATATGATTGCGTCTACATCCTACAGTTCTTAAAATCAGGAGCAGAGGGAGAT
 GACCCCGAGCAGTCCACACCCACAGGAAAGAGTCCAGATGGTCCGAGTGGCCCTGAAGCACATACACA
 GAGTGCAGACACTGGCTGGAGACACAGCCAGAGGGCCATCATGGGATTCTTAGAGGACATCCTGACCGT
 TCACTGTGACTCCTCAGGAGAACAGGTGATGCTTCGTGGCCCTCAGATCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_145432
- Insert Size:** 3555 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_145432.3](#), [NP_663407.2](#)

RefSeq Size: 5677 bp

RefSeq ORF: 3555 bp

Locus ID: 217026

UniProt ID: [Q6P1G0](#)

Cytogenetics: 11 C