

Product datasheet for **MC220463**

Heatr3 (NM_172757) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Heatr3
Synonyms:	C030036P15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC220463 representing NM_172757
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGTAAGAGTCGGACGAAGCGCTTCAAGCGACCTCAGTTCTCCCCTATCGAGAGCTGTCAGGCCGAGG
 CGGCGGCCGCGTCGAACGGGACTGGGGACGAGGAGGACGATGGGCCCGCGCGGAGCTTCTGGAGAAGCT
 CCAGCACCCGAGCGCCGAGGTCCGCGAGTGCCTGCGCGGACTGGCCCGGCTAGTGCAGCAGCGGCC
 GCACTACCAGACTTAGCCCGTCGGGATGCTGTGCGCCGGCTCGGGCCGCTGTGCTGGACTCGAGTCTGG
 CGGTAAAGGAGACGGCGCCGAGCTCTGAGAACTCAGTGCTTGTGGAGGTTTGTGACGTTTGTGATGA
 CATGGTGGCAAAGGACATCATGACGCCCTGGTGGCACTACTGAGAGAGTGTCTCTGGACTGGATTCA
 AATGAGATGTCTCCACAGGAGAAAGCTGATAAGAGAAATCCTGTAGAGAGCATAGCCATGAGGCTGTGA
 ATGTGCTGTGAATGTGTGAATGCAGTGGCAGAGCAGTGTCTATTTCAACAAGAAGGGTGTGGA
 GATTGTGTACAGTACTACGTAGGTTCCCAACAGTATTGACCTGGCTGTCTCCGTAGCGTATTGTTA
 CAGACAGTGACGGAAGATAACCCAGAGCTCCTGAAATCTTTTGTGTCAGCAGCACTACGTGTGCTGGAGT
 CTGCTTTGCTTTGTCTGCTGCTCTATGGAATACATTTCTTTAAAGACTGGTGGCAGGCACCATCTG
 GAACCTAAAGGACATTATTCATCTAAGAGTCAGGCAGAAATCATTATGCCATCTAGGTGCCTGTCT
 GAAGTTCTGGGTATGAATACTGGCAACATGGTCATTGATGAAGGAGCTGAAACCCAGCGGCTAAAGA
 CTGCCGAGAGAGTGAGGACATCTAGCAATGCTAACGGTGATGACTTGGTTGAAGATGATGAAATGGA
 AGAAATCCCTCATAAAAGAAAACCTAGAAGGAAAACATTTATTTCCGATTTACTTCCACCTACTGACAAG
 GAGTGTGCGAGAGGCCATGGCGTTGCTGACAGCTCAGCAGAGTGTCTGGAAGTATTGTCAACATGTGCT
 GCAGTGAAGATCCCTCGGATGATGAGTGGGAAGAACTGTCTAGTAGTGATGAAAGTGAAGCCTTTATGGA
 AAACCTCTTCAAGTGCAGTGGGCACCTGATGTCCCATTTGTGCTGTCCACGAGATTCACTCTGCC
 CTTACCAACTGCCTCATTCCAGAGAAGGTTTTGAGAAAACATCTTACCAAAACAGTGTGAGTTGACA
 TATGTTCTAAGAACCCTACTTGGAAACCTTTGATTAGGAAAATGAACACTATTCAGTGTAGAGCCCTTAT
 GTGCTCCAGAGTCTTGTGCTCTCCTGGACATAGACCATCTCGGTGGAGCCCTGCTCTCCAGACTCTT
 GCTCAGCACCTGTACAGATTCTTTTTCTCAGCCAGATTTTGTAAACATGATGATTTTCTAGAAGCCA
 TAAGTAGTGCTTTGAGGGCCCTTTTGAACAATGGCCTCCAAGAACATTCCACAGTGTATGACCCTGA
 GCAGCTGATGACGCTGTGAGAGAAGGCATTATAGCAGTAGCATTGGGGTTCGAGTGAATGTGGTCAGT
 ATTTTGGGGTCACTGGGAGCGTCTAGCCAAAGACGACGGCACACTTGACACTCTGAAGACCATTTGGGT
 GCTTTCTGCTGGAAGTCGCCACCAAGACCCTTCCCTTGTGGTAACAGGCGAGGCTCTGGATGCCCTCTT
 CGATGTTTTTGCAGATGGCGAAGCAGCTGAAAAGGCTTCAAGTTCAAATTAATTTAGCGGCTTTGAAA
 GAATTTCAACAGCTCTTCAAAATGAAGTACGGAAGAAGGGAGGGGCAAGTACAGTCCAGACCAGCTGT
 GTGTTCTCGACAATGTGAAGATGAATTTGAGACGGTTATTGCTTACCAGGAACTGTTGAGAAAAGACT
 GACTTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172757

Insert Size:

2040 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172757.3, NP_766345.3</u>
RefSeq Size:	3190 bp
RefSeq ORF:	2040 bp
Locus ID:	234549
UniProt ID:	<u>Q8BQM4</u>
Cytogenetics:	8 C3