

Product datasheet for **RN211357**

Heatr6 (NM_001079897) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Heatr6 (NM_001079897) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Heatr6
Synonyms:	RGD1566204
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211357 representing NM_001079897 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCAGCCCTGCCTGGGAGCAAACCTTTCTGAGAGGGTAAGGACAGTTGGGTGGCAAATTTCCAGGCCTT
ATTTCTGCCACTTTTTCCTATCCGAATCACAGCACCGCCTGCAACCTGTAGCGCAAATAAAGGCTTTCC
GGAAGTAGAGCACGCGAGGCCCTGCCCAAGCGGTGCCCGGAAGTATTTCCCAAGCTATTCACGTAGGA
AAAATGGCGCGGTGCAGGTGCGCGCCTCTCTTCTTGAGCAGCCGCGAGAGGCCCGCGGGAGCTGT
CCCTGGAGCAGAACAAATGGGTTCCGCCGCTTGCTGCCAGGCTTCGCGCGCTGCAGCCGGATGACAGCAC
TGTGTCCCGCATGGAGATCCACCTGCTCTTCGACCAGCTCATCTCCGAGAACTACTGTGAGGGCGGCGGC
GTGGCCCCGGAGGATGTCAAGTCTCTTCTGTGCGAGCTTGTCAGCTGGTGCCTCTTAATCAGAACCACC
TTGTGAGCAAAGTGTCTCAGCTGATCCATCGTTTACTTAACAGATTACAGGTGATTGTGGATGAGCAGAA
CTTAGATTTCTGTTGACCTATACGATCTCAGCTATTCAGCAGTGTAGCCCTTGGACACACATGGAAT
CTTCAAGCCCTGGCAGCTCTGGTTTACTGCAATGGCTCAAAATGTCAAAGCATCTCCAGACTTGCTAG
GTAAGAGCGGCCTCTTGATGAAGTTGAGTGACGTGACTCACTCTGACCCTGAAGTCAGGAGAGCTGCAGT
GCACTGCATGGCAAACCTATGTCTCAGTGTGCCAGGACAGCCATACTTGGAGGAGTCTACCAGCTTGTC
TGCTTCCAAGCTTTCTTGACCATTTTACAGTCTCAAAATCGTCTGATATGGATGATATAACATTTTGCA
TGCTGTTACAGAAATGCACTGAAAGGCATCCAGTCACTCCTCAATGGTGGGAAGATGAGGCTGACACAGAC
CGAGCACCTGGGAGCGCTTCTCGCTGTGCTAAAGAAAGCCATGTTCCATGGACTCCCTGGATTAACATA
GAGATGCCCGCAGTGCTCTACCAACTCCACTTCCGAGTACGATGGCGATCACCAGTTAAACCCAGC
AGCCGGAGTCCAGTGCTGCTCGACCATCTGCGAATAAAAGAAAAATACAAAGTAAACCAAAGAAAAAC
CCAACAAGGAGAGAAAGCGGAGGAGGAGGCCCTATGGTGAAGTGACGCAGCCCCAGGGCTCAGCATG
GACCAGGCGAACACATGTGTCGAGAGCGCTTGGTCTCTCCCTGGGGCTCCAGGGTTTGCCTGTGG
ATGGAGGCAGAGTACCAGGAAGAGAACAGGTTTCTCACCTTCACCATCTCTAGCTGAAAAGGGTCAG
CAGCAGTGAGTCAGACTATTCAGACGCAGAAGGAGGCATGCAGGGTAAATGAGGTCATACCAAGCCAAG



[View online »](#)

GTTCGCCAAGGGGCACTAGCTTGTCTCTCTACTATCAAATCGATAGAAAAAAGTTCTATACGGCT
 ACTGGTCTGCCTTTGTTCTGACACGCCAGAGCTTGGAAGCCACAGTCTGTGTCCTTAATGACACTCAC
 ATTAAAGGATCCATCTCCAAAGACGAGAGCCTGTGCTCTTCAAGTTCTGTCTGCCATCTTGAAGGCTCA
 AAGCAGTTCCTTTCTGTTGCTGAAGACACCAAGTACCACAAACGAGCTTTCACGCCCTTCTCGGTACGA
 TTGCGTCCAGCATTAGAGAGTTGCACAGATGCTTTTGTAGCTTTGGTAGCAGAGTCTCGTCCGAGAC
 CCTTACTCAGATAATTAAGTGCTTGCGAATCTAGTATCAAACGCCCTTACAACCGTCTGAAACTCAGC
 TTGCTAACCAAGTCTGGAATCACATAAAGCCTTACATCCGTCAAAAGATGTTAACGTGAGAGTGTCAA
 GTCTCACACTCCTAGGAGCTGTAGTGCCACTCACGCGCTTTGCCAGAAGTCCAGCTGCTTCTCAACA
 GCCCTGTTCTCTGGGCGCAGCAGCAGCTCAGCAACCCCTCACCTCAGCACTCCTGATGGCTGGAAGGCA
 CTCCCTGCAGGACCTCTCTGGAAGAAGCATCACTCAGCTCACCAAGGGGACAGCAGAGCCCTGCTGGC
 TGATCAGACTCTGCATTTCCACTGTGGTCTGCCAAGGAGGATTCTGCTCAGGTAGCGATGCTGGCTC
 CGCCCTGGGAAGCACCTATGAACCATCCCCATGCGGCTGGAGGCGCTACAGGTTCTGGCCACCTGGCA
 AGGGGCTATTTCTCAATGGCTCAGTTGTACTTGATGGAGCTTGGCAGGTGATCTGTAAGTGCATGTGCG
 AAGCAAATCCATCCATTAGCTCCACGGCGTGAAGCTCCTGGAAGAACTGGGTACAGGCTTGATACAGCA
 GTACAAGCCAGATTCCAGCACGGCCCTGAACAGAGAGTGCCAGTCCACATGGTGCGGATGTTCTGGACT
 GCGATGCTGAATGGTCTTTGCCCGAGCCCTGCAGTCCACAGAGCACCCGACTCTCCAGGCGAGCGCT
 GCGATGCCCTGTCTCCATCTTGCCAGAGGCTTTCAGCAGTCTGCCGAATGACAAGCAGATTTTGTGCAT
 CACGATGTTGCTCGGCCTGAATGACAGCAAGAACCATTAGTGAAGCCGCGACCTCCAGGGCCCTTGGA
 GTCTACGTGCTTTCCCTGCCTCAGACAGGACGTCAATTTGTTGCAGACACCGCAATGCCATATTGA
 TGTCCCTTCAAGATAAGTCACTAAACGTGCGTGCCAAAGCAGCCTGGTCCCTGGGCAACCTGACAGATAC
 TCTGATTGTCAACATGGACACACCAGACCCAAGTTTCCAGGATGAGTTCTCTGGACTCCTGCTCTTGAAA
 ATGTTGCAGTCTGCAATACAGGCCTCCACGGACAAAGACAAGGTCAAAAGCAATGCAGTCCGGGCCCTTG
 GGAATTTGCTTCATTTCTGCAACCTCTCACATAGAAAGACCCAGGTTCCGCGAGATCATTGAGGAGTC
 TATCCAGGCTCTGATCTCACTGTTGTCAATGAGGCTGCCATGAAAGTCCGATGGAATGCTTGTACGCA
 ATGGGAAATGTTTTTAAAAACCTGCTCTTCCACTAGGGACAGCCCGTGACCTCCCAAGCCTACAAAG
 CCCTGACATCGGTGCTGATGTCATGCAAGAACTTCAAGGTGCGCATCAGGTCTGCGGCAGCCCTCTCCGT
 CCCGGGACAGGAGCTCAGTACGGGTCCCTAGAGCAGTTCTCCAGATCTGGAGTGCCTGGTCACTGCC
 CTACAGAGGAGTGAAGACACTACAGACTTCTGGAGTTCAAGTACTGTGCCAGCCTTCGGACTCACGTCT
 GCCAAGCGCTGCTTACCTCCTGGGCTAGCCAGTGCCTCAGACCTGCCCTGCATTCAAGAGACTCTCAC
 AGTGAACGGGATATGATCCGGTCTACATCCTACAGTTCTTAAAGTCAAGAGCAGGGGAGATGACCCC
 GGAGCAGTCCACAGCCACAGGAAAGAAACCAGATGGTCAAGTGGCCCTGAGGCACATACAGAGTGTGC
 AGGCACTGGCTGGAGACACAGCCAAAGGGGCCATCGTAGGCTTCTAGAGGACATCTGACCGTTCACTG
 TGACTCCTCAGGAGAACGAGCAGTGCTCCGTGGGTCTTAGATCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001079897
Insert Size:	3759 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_001079897.1](#), [NP_001073366.1](#)

RefSeq Size: 3759 bp

RefSeq ORF: 3759 bp

Locus ID: 497972

UniProt ID: [A1EC95](#)

Cytogenetics: 10q26