

Product datasheet for **RN207419**

Hrc (NM_181369) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hrc (NM_181369) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hrc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207419 representing NM_181369
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTTCCAGGAGCCATGGTTGTACAGTTGTCTCCTTTGGGCCACAGTGGCCATCCTGCTGGTCCCTC
CAGTGGTGACCCAGGAGCTGAGAGGGACTGGGCTGGGCCTCGGCAACTGGAACAACAACGCAGGTATCCC
TGGGTCTCAGAGGACCTATCAACTGAGTATGGTCACCACATCCACAGCCACGGGCCTATCAAGGTGAG
AAGGACAGACACCACAGAGAAGAAGATGAAGACTTCTCCAGGGAATATGGCCACCAAGTCCAAGACCACA
GGTACCTGGCCATGAAGTTGGGGAGGAGAATGTCTCAGAAGAGGTCTTCAGAGGGCATGTTAGACAGCT
CCATGGGCACCACAAACCTAACAGTGAAGATTTAGGGGACTCAGCAGAGAGCCACTTCCCCAGACAGCAG
AGCCACAACCGTGAAGAAGAGGACGGCCTGTCTCCGGTGAGGATCACCGTCACATCCCCAGGCATGACC
ACCATGGCAACGAAGAGGAGGATGATGATGGAGAGGAGGAGAGGGTGGGAGTGATGGAGAACTCTGA
TGATAAGCACCAGGCCACGGCCACCACAGCCACTCAAAAGAAAGAGATGGACTCCATCATGCCACAGC
CACAGGCCAACAGGCCACCATGATGAAGATGATGATGATGAAGATGGTGTCTCCACTGAGGGTGAACACC
AAGCTCACAGATATCAAGACCATGATGAGGAAGACGATGATGACTCAGATGAAGAGAGTCATGCCACAG
ACTTCAAGGCCAAGAAGATGAAAATGATGATGAAGATGGTACTCCAGTAAAAATGGACACCAGACCCAG
GACCACCAAGGCCATAAAGAACAAGATGATGATGACGATGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAG
AAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGACGATGACGACGACTCCACTGAGCACAGGCA
CAGGCACCAGACCAAGGCCACAGGAAGGGAAAAGATGAGGATGAGTCAGATGAAGATGATCATGTCACC
CGGCATGGCCCGCAGGCCATGAAGATGAAGATGATGACGATGACGATGACGATGACGATGACGATGACGACA
ATGATGGTGGCTCTACTGAGAATGTGCACCAAGCCACAGACACAGAGGCCATGAGCAGCAAGACGATGG
GGATGACTCAGAAGAAGACTACCATCATGTCCCCAGCCATGGTCACCAAAGCCATCAAAATGAGGAAGAG
GAAGATGAGGCTGTCTCCACTGAACACTGGCACCAGTCTCCTAGACATGCTCACCATGATCTTGACGCTG
AGAATCAAGAAGAGGCAACAGTCAAGTACAGCCGCCATGTTGCAAGCCATCGACCCCAAGGCCACAGTGC
GGAGGAGGACTCTCTAGAAGACTCTACCAATGAAGTCCCTGGACATCACACCACAGAGTCTCCAGGGAT
GGCAGCAAGACATTTCTACTGAGTTTGGCCACAAGGCCCCAGACACAGGCTACAAGATCAAGATGAAT
GGACCAGGCAGGGTCACGAAAACTGTCCAGGAAGACATTGGTCATCAGCCCCTGCAGCCCACAGGTCC
TGTTCTGGAGAATCAAGGAAGGAAGATGACCACAGCTCTCAAGAGGGAGATGAGGACTTAAAGCAGAGA
CAAGAAGCCACAGTGAAGAGGAGGAGGAGGAAGAGGAGGCCATGGCCCTCCCCATGAGCCTGGAAGATG
AAGAGGAGGAAGAAAAGATAAGAAGAGAGCAAGGGAGACAGGGCTGCAGTTTTCGGCTCCACTGAGTCA
TCACAGGAAGCATGATGATGATGATGACGGCGACGGTGTGATGATGATGATGACGACAAATGACGACGATGAT
GAGATCCTGGAGGAAAACCTGCTACCTTACCATTATCCCAAACCCACTGGCTGGGAGGGAGGTGGCCA
GAGAAGGTTCCAGTGAGGAGGAGAGCCGCGAGGTACAGGTGACAGGATGCCAGGAGTATGAGAACTA
CCAGCCAGGGTCCCTGTGTGGCTACTGTTCTTTCTGCAACCGATGTAGTGAATGTGAAAGCTGCCACTGT
GATGAGGAGAACATGGGGAACTGTGACCAGTGTGACACTGCCAATTCTGCTACCTGTCCCCGCTGG
TCTGTGACACACTCTGCACTCCAGGAAGCTACGTTGACTATTTCTCCTCTGTGTATCAAGCTGTGGC
TGACATGCTGGAGACGAAGAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_181369

Insert Size: 2268 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:	<ol style="list-style-type: none">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:	<u>NM_181369.2</u> , <u>NP_852034.1</u>
RefSeq Size:	2367 bp
RefSeq ORF:	2268 bp
Locus ID:	292905
Cytogenetics:	1q22
Gene Summary:	Ca(2+) binding protein; may be involved in the regulation of releasable Ca(2+) content into the sarcoplasmic reticulum [RGD, Feb 2006]