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Product datasheet for RN209213

Herc3 (NM_001108631) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Herc3 (NM_001108631) Rat Untagged Clone

Tag: Tag Free

Symbol: Herc3

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN209213 representing NM_001108631
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTATGTTGGGGGTATTGGTCCCTGGGCCAACCAGGCATCAGCTCCAACCTGCAAGGAATCGTGGCTG
AGCCCCAGGTGTGCCGCTTCGTATCGGACAGAAGCATCAAGGAAGTGGCGTGTGGAGGAAACCATTCAGT
GTTCCTGCTGGAGGATGGGGAGGTTTACACGTGTGGAGTAAACACCAAGGGGCAGCTTGGCCACGAGAGG
GAAGGTAACAAGCCAGAGCAAATTGGAGCACTGGCTGATCAGCACATCATCCACGTGGCGTGTGGCGAGT
CACACAGTCTGGCTCTCAGTGACCGGGGCCAGCTGTTCTCTTGGGGTGCAGGGAGTGATGGCCAACTGGG
CCTCATGACCACTGAGGATTCTGTGGCGGTGCCCAGGTTAATACAGAAGCTGAACCAGCAGACCATATTA
CAAGTTTCCTGTGGCAACTGGCACTGCTTGGCTCTGGCAGCTGATGGCCAGTTCTTCACATGGGGAAAGA
ACAGCCATGGACAGCTGGGCCTGGGGAAGGAGTTCCCCTCCCAAACCAGCCCACAGAGGGTGAGATCTTT
GGAAGGGATCCCACTGGCTCAGGTGGCTGCAGGAGGGGCTCATAGCTTTGCCCTGTCTCTCTCAGGAGCC
GTTTTTGGCTGGGGAATGAATAATGCAGGGCAGCTAGGGCTCAGTGATGAAAAAGATCGAGAGTCTCCAT
GCCACGTGAAGCTTTTACGAACACAGAAAGTCGTCTATATTAGTTGTGGAGAGGAGCACACAGCAGTTCT
CACAAAGAGTGGGGGCGTGTTTACCTTTGGTGCTGGCTCCTGTGGACAGCTTGGACACGACTCTGTGAAT
GATGAAGTTAATCCGAGAAGAGTCCTGGAACTGATGGGCAGTGAAGTAACTCAGATTGCCTGTGGCAGAC
AGCACACTCTAGCCCTTGTGCCTTCTTCTGGACTCATCTATGCATTTGGTTGTGGAGCTAAAGGTCAGCT
GGGAACCGGACATACATGTAATGTCAAGTGCCCATCTCCTGTGAAGGGCCACTGGGCTGCGCACAGCGGT
CAGCTTTCAGCTCGAGCTGATCGCTTTAAGTACCGCGTGGTTAAGCAGATCTTCTCCGGAGGGGACCAGA
CATTTGTACTTTGCTCCACATATGAGAATTCTTCTCCTGCTGTTGACTTCAGAACTGTGAACCAAGCACA
TTATACCAACTTAATAAATGACGAAACCATAGCAGTTTGGAGACAAAAGCTCACAGAACACAACAACGCA
AATACAGTCAATGGTGTTGTTCAGATACTGTCTTCTGCAGCTTGTTGGAATGGAAGCTTTCTGGAAAAAA
AAATTGATGAACATTTTAAAACCAGTCCCAAAATCCCTGGGATTGACCTGAACTCAACTAGGGTTTTATT
TGAGAAGTTAATGCACTCTCAGCACTCCATGATTCTAGAGCAGATACTAAACAGCTTTGAAAGTTGCCTC
ATTCCCCAGTTGTCAAGTTCACCTCCAGATGTGGAGGCAATGAGAATCTATTTAATACTACCAGAGTTTC
CGCTGCTTCAGGATTCTAAGTATTACATAACGCTGACCATTCCCCTGGCGATGGCCATTCTGAGGCTGGA
AACCAACCCTAGCAAAGTATTAGATAACTGGTGGTCTCAGGCATGCCCAAAATACTTCATGAAGCTGGTA

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ACCCTCTATAAAAGTGCCGTCCTTTACCTCCTAAGGGGAAGGAAGACATTCCTAATCCCTGTACTGTTTA
ATAATTACATGACCGCAACCCTCAAGCTTCTGGAGAAATTGTACAAGGTAAATCTTAAGGTGAAGCACGT
GGAGTACGATAAGTTTTATATCCCTGAGATTTCTAGTCTAGTGGACATTCAGGAAGACTACCTCATGTGG
TTTTTGCATCAATCCGGAATGAAGGCCAGACCGTCTATCATGCAGGATGCTGTAACCCTTTGTTCCTATC
CTTTCATCTTTGATGCCCAAGCCAAGACCAAGATGCTGCAGACTGATGCCGAGTTACAGATGCAGGTGGC
AGTCAATGGAGCCAACCTGCAGAATGTCTTCATGCTTCTTACCCTGGAGCCTCTGCTGGCCAGAAGCCCC
TTCCTGGTCCTTCATGTCCGCAGGAACCACCTTGTGGGAGATGCCCTGAGAGAGCTGAGCATTCACTCTG
ACATTGATTTGAAGAAGCCTCTCAAAGTAATCTTTGATGGGGAAGAAGGAGTAGATGCTGGTGGTGTTAC
GAAGGAGTTCTTTCTTTTGCTGCTAAAAGAACTTTTGAATCCCATTTATGGGATGTTTACCTACTATCAA
GATTCAAATCTCTTGTGGTTTTCAGACACATGTTTTGTAGAGCACAACTGGTTTCACTTGATTGGCATAA
CCTGTGGATTAGCTATCTACAACTCCACTGTGGTTGACCTCCACTTCCCGTTGGCTCTCTACAAGAAGTT
ACTGAATGTAAAGCCCAGCTTGGAGGACTTGAAGGAGCTGTCACCAACTGAAGGAAGGAGTCTTCAAGAG
CTTCTAGATTATCCTGGCGAAGACATCGAAGAGACCTTTTGCCTCAACTTCACGGTGTGCCGAGAAAGCT
ATGGGGTGATAGAACAGAAGAAATTGATACCCGGGGGAGACAGAGTGGCCGTGTGCAAGGACAACAGGCA
AGAATTCGTGGATGCTTACGTGAATTACATCTTCCAAATTTCGGTTCATGAGTGGTACACAGCCTTCTCC
AGTGGCTTCCTGAAGGTGTGTGGTGGCAAAGTCCTCGAGCTCTTCCAGCCTGCAGAACTGAGGGCCATGA
TGGTGGGGAACAGCAATTACAACTGGGAAGAGCTGGAAGAGACTGCTGTCTACAAGGGTGATTATTCAAG
CACACATCCCACTGTGAAACTATTCTGGGAAACATTCCACGAGTTCCCATTAGAGAAGAAGAAGAGGTTT
CTCTTGTTCCTGACAGGCAGTGACCGGATTCCCATCTATGGAATGGCCAGTCTGCAGATCGTCATCCAGT
CTACAGCCACTGGGGAGGATTACTTACCTGTGGCCCATACCTGCTACAACCTTCTCGACCTTCCCAAATA
TAGCAGCAAAGAGATTATGAAAGCTCGGCTGACCCAGGCCCTCGACAACTATGAGGGTTTTAGTTTGGCG
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108631

Insert Size: 3153 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_001108631.1, NP_001102101.1

RefSeq Size: 5230 bp

RefSeq ORF: 3153 bp

Locus ID:	362377
Cytogenetics:	4q24