

## Product datasheet for MC205870

### Herc3 (NM\_028705) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Herc3 (NM_028705) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Herc3
Synonyms:	5730409F18Rik; AI646603; mKIAA0032
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC042574

```

CCCACGCGTCCGATAGCTGCATGGTGAGGGACAGCAACATATCTTCATGCTTTCCCTTTGCTTTGAGGCA
GTGCAGAGAAAAAGGCTATATGAGACCCTGAAGGATAAGAACAATGTTATGTTGGGGGATTGGTCTCTG
GGCCAACCAGGCATCAGCTCCAACCTGCAAGGAATCGTGGCTGAGCCCCAGGTGTCCCGCTTTGTATCGG
ACAGAAGCATCAAGGAAGTGGCGTGCGGAGGAAACCACTCCGTGTTCTGCTGGAGGACGGGGAGGTTTA
CACGTGTGGAGTAAACACCAAGGGGAGCTTGGCCATGAGAGGGAAGGTAACAAGCCAGAACAAATTGGA
GCATTAGCTGATCAGCATATCATACACGTGGCATGTGGCGAGTACACAGTCTGGCTCTCAGTGACCGGG
GTCAGCTGTTTTCTTGGGGTGCAGGAAGTATGGCCAACCTGGGCCTCATGACTACTGAGGATTCGTGGC
TGTGCCAGGCTAATCCAGAACTGAACCAGCAGACCATTACAAGTTTCTGTGGCAACTGGCACTGC
TTGGCTCTGGCAGCTGATGGCCAGTTCTTACATGGGGGAAGAACAGCCATGGACAGCTGGGACTGGGA
AGGAGTCCCCTCCCAAACCAGCCACAGAGGGTGAATCTTTGGAAGGGATCCCCTGGCTCAGGTGGC
TGCAGGAGGGGCTCATAGCTTTGCCCTGTCTCTCGGGAGCTGTTTTGGCTGGGAATGAATAATGCA
GGGAGCTAGGGCTCAGTGATGAAAAGACCGGGAGTCTCCATGCCACGTGAAGCTTTTACGCACACAGA
AAGTCGTCTATATTAGTTGTGGAGAGGACACACAGCAGTTCTCACAAGAGTGGGGGCGTGTTTACCTT
TGGTGCTGGCTCCTGTGGGCAGCTTGGACATGACTCGGTGAATGATGAAGTTAATCCGAGAAGAGTCCTG
GAGCTGATGGGCAGTGAAGTAACTCAGATTGCTTGTGGCAGACAGCACACTCTAGCCCTTGTGCCTTCTT
CTGGACTCATCTATGCATTTGGTTGTGGAGCTAAAGGTCAGCTGGGAACCGGACATACATGTAATGCAA
GTGCCCATCTCCTGTGAAGGGCCACTGGGCTGCCACAGCAGTCACTTTTCACTCGCGCCGATCGCTTT
AAGTATCGTGTGTTAAGCAGATCTTCTGAGGGGACCAGACTTTTGTACTTTGCTCCAGTATGAGA
ATTCTTCTCCTGCTGTTGACTTCAAGAACTGTGAACCAAACACATTATACCAACTTAATAAATGATGAAAC
CATAGCAGTTTGGAGACAAAACTCACAGAACACAACAACGCAAACTACTGTCAATGGTGTGTTTCAGATA
CTGTCTTCTGCAGCTTGTGGAATGGAAGCTTTCTGAAAAAAAAAATTGATGAACATTTTAAAACTAGTC
CCAAAATCCCCGGGATTGACCTGAACTCAACTAGGATTTTATTTGAGAAGTTAATGCACTCTCAGCACTC
CATGATTCTAGAACAGATATTAACAGCTTTGAAAGTTGCCTCATTCCCCAGTTATCAAGTTCACCCCCA
GATGTGGAAGCAATGAGAATCTATTTAATCCTACCGGAGTTTCCGCTGCTCAGGACTCTAAGTATTACA
TAACGCTGACCATCCCCTGGCAATGGCCATTCTGCGGCTGGAACAAACCCTAGCAAAGTATTAGATAA
CTGGTGGTCTCAGGCATGCCCAAATATTTTCATGAAGCTGGTAACCTGTATAAAGTGCCGTCCTTTAC

```



[View online »](#)

```

CTCCTAAGGGGAAGGAAGACATTCTAATCCCGGTACTGTTTAACTACATGACTGCAACCCTCAAGC
TTCTGGAGAAGTTGTACAAGGTAATCTTAAGGTGAAGCATGTGGAATACGATAAGTTTTATCCCTGA
GATTTCTAGTCTTGTGGACATTAGGAAGACTACCTCATGTGGTTTTTGCATCAATCTGGGATGAAGGCT
AGACCCTCATATGCAGGATGCTGAACCCTTGTTCATCTTTGATGCCAAGCTAAGA
CCAAGATGCTGCAGACTGATGCCGAGTTACAGATGCAGGTGGCAGTCAATGGAGCCAACCTGCAGAAATGT
CTTCATGCTTCTTACCCTGGAGCCTCTGCTGGCCAGAAGCCCTTCTGGTCTCCATGTCGGTAGGAAC
CACCTTGTGGAGATGCCCTGAGAGAGCTGAGCATTCACTCTGACATTGACTTGAAGAAGCCCTCAAAAG
TAATCTTTGATGGGAAGAAGGAGTAGATGCTGGTGGTGTACGAAGGAGTTCTTTCTTTTGTATTAAA
AGAAGTTTTGAATCCCATTATGGGATGTTACCTACTATCAAGATTCAAATCTTGTGGTTTTGAGAT
ACATGTTTTGTAGAGCACAACCTGGTTTCACTTGATTGGCATAACCTGTGGATTAGCTATCTACAACCTCA
CTGTGGTTGACCTCCACTCCCCTGGCTCTACAAGAAGTTACTGAATGTAAAGCCAGCTTGGGAAGA
TTTGAAGAACTGTACCAACTGAAGGAAGGAGTCTTCAAGAGCTTAGATTACCCCGTGAAGACATC
GAGGAGACCTTTGCCTCAACTCACGGTGTGCCGAGAAAGCTATGGGGTATAGAACAGAAGAAGTTGA
TACCCGGGGGAGACAGAGTGGCCGTGTGCAAAGACAACAGGCAAGAATTCGTGGACGCTTATGTGAATTA
CATCTTCAAATTCGGTTCACGAGTGGTACACAGCCTTCTCCAGTGGCTTCTAAAGGTGTGTGGTGGC
AAAGTCTCGAGCTTCCAGCCTGCAGAACTGAGGGCCATGATGGTGGGGAACAGCAACTATGACTGGG
AAGAGCTGGAAGAGACTGCTGTCTACAGGGGTGATTATCAAGCACACATCCCCTGTGAAACTTCTCTG
GGAGACATTCCACGAGTCCCATTGGAGAAGAAGAAGTCTTTTGTTCCTAACAGGCAAGTACCCGG
ATTCCCATCTATGGCATGGCCAGTCTTCCAGATCATCCAGTCCACAGCCACTGGGGAGGAATACTTAC
CCGTGGCCCATACCTGCTACAACCTTCTGACCTCCCTAAGTATAGCAGCAAAGAGATCATGAAGGCTCG
GCTGACCCAGGCCCTCGACAACATGAGGGTTTTAGTTTTGGCCTGAGGTACCCAGCTTACCTAAGACAT
CCATCCCTTCTTCTTGTGGCCACATGAGGCTGAATAAAATACCATGGGAAGTGAATTTCTATTTTTT
TATTGTTAAGTGGTTTTGAAACTTTTGAATCCTAAACCCTAGTCAAGGTGTTTCTGGGGTCAATAGTGA
ATAGTCTTTCTGAAAAAATCAGTGGTGGGGATGAGCCAAAAAATGGCTTTGGTATGGGAAGTGG
ACTTGATTTTGTGTTTTGTTTTGTTTTAAACCGAGGTACCTGTTGTTCTTCTCATCTGTGAATGTGT
GCAATCTGCTGGATTTAATGGCAGTAGTTTTTCACTTTTGTTCAGATGTCCTCAGTCTGATGTT
TCTTACCATGCTTTGCTGCTCTTCTGCTCCTCAGTCCCTACAGGGGTGACTTGTGGATATGTCC
CTTCTGGCCGCATGCAGAACATTTCTACTCCTCAGCACTGGAATGCATGGCTTGTGCAGCCAGC
CCAGCCACAGATGGAACCTCCAAGACAAGAAGCTGAGCCTGTATAGCTCTTGTAGTCTTTGTGGAA
CCTTTATGAACATGCTCTGCTTTAAGGAAATAGGTCATGAGTGCCTACTGCCTGGCCTCCTGAAACACA
CATAACAAGAGCCGAGGTTGCAGGCGGCTGCATGTGTCTTGTAGCCATGACCCGTGGATTTACAGT
GAATTGGTAGACCTTCTTATCATACTTTTGAATGCAAGTTGCATTTTCTGTTTCCATATTGCCTAAG
AACAGTACAATTAATAAAGGTTTTCCCTTCTTTATTCTTCTAGCTCCTGCTCTTCTTCCCTTTCT
TCTTGTGCTCCCCTCTCCTCCCTTCTTCTGCTCCTACTCTTCTTGTCTTTGCTGCTTACTCCGTT
CCCCTCTTCTTCTGGTAGTGGATGCATGCTGCTTTTTTATTTTAAATTTTGAAGTTTTTTTTTAAAC
CTCTGCTCTAACTGTGAAAATATGAAGATACTCTTTATAATAGAGTTTTTGTGTTTATCATATGTGAAGT
GTGCATTTACAGTGAAATTTACAGAGGGGATTATGTTAAGTCAAATGCGTGTGTCTCAAAGTGACATG
TTAACTGCTCATCACTGTATAAGAAAATCTACATGGTCAAAGATTGATGAATTTCTAATTTTAAATC
TGATAGATAGAGAAAGTATTTATTTATCTAAAATGAAGTACTTATAGATTGTGATGCAGCACCAGTC
TTGATGAAGGAATGTAGATTTTTGCTTTTCTGTTTTGTTTTGAAAAGTTACTCCAATTGCTAAATGG
TAGTTTTTTTGTCTTATAAATAAACATTTAAAAAAGATACACAATTATATAAAATGTTTATTTCTAT
GTGCTGCATATAGTTCAATATTATCCAATAAATTTGGTGTTTTAACTTAAAAAAAAAAAAAAAA
    
```

**Restriction Sites:**

RsrII-NotI

**ACCN:**

NM\_028705

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC042574</a></u> , <u><a href="#">AAH42574</a></u>
<b>RefSeq Size:</b>	4754 bp
<b>RefSeq ORF:</b>	3153 bp
<b>Locus ID:</b>	73998
<b>Cytogenetics:</b>	6 B3