

Product datasheet for MC203436

Heg1 (NM_175256) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Heg1 (NM_175256) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Heg1
Synonyms:	4632417D23Rik; 5530401I02Rik; 9530025L16Rik; BC038614; Gm629; OTTMUSG00000027315
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC076596

```

CTCTGATCTGGCAGACAGCACTTCGGGGGCTCGCACACCTCACACGTCTGCAATGTCCACCCGGAGCGGG
GAGCGCACGCTGCGGTCCCTTGACTCTCGAGTGCAGCAACCCGCCCTGCGGCCCACTCCACGAGGGA
ACGTGACAGAGCACGCTGGCCTGCTGTCCGGGGCACCAACTCTCGAGTCAACCGACTTAGCTACACTCG
AGAACATGGCTCAGACGCTGGGAGAGGACTTCCAGTGACCACACAGACCACGGCTATGTTCCGCTACT
TTCACCAAAGGAGAACGGACGCTACTGTCTATTACAGATAAACCTCCTACTCAGAGGCCAGCGAGAGCT
CAACCTCTCCGTTAAGATCTCAGACTCTCCTTCTCAGGCTCAGCCTAACAGAGTAGCATGTCTCCGA
CGATGACGAGCCTGCTCAGTCTTCCACAGAGTCAACGGTCTGCATACGTCCAACCTGCCAACCTACAG
TCCACTGTTAATATGCCAAACACCTTGGTTCTTGATACCGGTACCAAACCTGTTGAGGACCCATCTGATT
CACGGGTGCCTTCACTCAACCCTCACCGTCAACCCAGCCATTCTCATCAGCCTTACCATCAACCAG
GTCTCCTGGGTCTACCTCTGAGACAACCACATCCTCACCATCACCTTCAACCATCTCCTTACTGGTGTCA
ACTCTTGCCCCATATTCTGTCTCACAACAACCTTCCCACATCCATCTTCTACCCTAGTCCCTCACAGGC
CAAGGGAGCCACGTGTGACTTCAGTCCAATGTGACGGCAATATCAGCCATTGCATTGATCCCCAGCAA
TCAAACAGCAAACCCCAAGAACCAGAGTACCCCAACAAGAGAAACCCATCACAGAAGTAAGTACCA
AGCTTGGTGTCTCCGCCACAGACTCTACCAAAGCAGTAACAGTGAGCCTTCTCCAGGGGGCCCTTGGT
CCCCAGCCTTAACAGGGTCTCCACGGGGCCAGCCCTTCCAGCCACAAGCACCAGTTTAGCCAGATGTC
TCCAGCTTTGACATCTGCCATGCCCCAGACGACTCACTCTCCTGTGACCAGTCCCAGTACTCTGTACAT
GTAGAAGCTTTGACTTCAGGTGCTGTAGTTGTGCACACTACCCGAAGAAACCACATCTCCAAACCAATC
CTGAAATCCTAGTGCCACACATCTCAACTGAGGGGGCCATCACCACAGAAGGGAACCGGGAGCATACGGA
TCCTACCACTCAGCCAATCCCTCTGACCACTTCAACCACGTAGCAGGAGAAAGGACCACAGAGCTGGGC
CGTGCGGAAGAGTCCAGTCCATCCATTTTCTTACACCATCTTCAACCTCAAACCACAGATGTTTCTACAG
CTGAAATGTTGACTTCCAGATATATCACCTTGTGCTCAGAGCACCTCACAGTACCAACAGCCTTGCC
ACCTCTAACCCAGTCAACAGCTGTACCGTGAACCCTTGTCTTATGATGGCAAATGCATTGTGGACCTC
ACTGGCCGTGGGTATCGATGTGTGTGCCCGCTGCCTGGCAGGGGGAGAAGTGCAGTGTGGATGTGAACG
AATGTCTCTCCAGCCCTGTCTCCCTAGCCACGTGCAACAATACTCAGGGATCGTTCACCTGCAGATG
CCCAGTCGGGTATCAGTTGGAGAAAGGAATATGCAATCTGGTTAGAACCTTTGTGACCGAGTTAAGTTA
AAGAAGACTTTTCTCAATACTACTGCAGAAAACCAATTCCAACACTCAAGAGCTTGAACAGAGATCGCTC

```



[View online »](#)

```

AAACACTAAACGTGTGTTTTTCAACATTGCCCGTTATATCCGAACTACAGCCCATGTGTCTAGGGAGCC
CAGTACAGTTTTTCATCTCACTGAAAACACCTTTGCCCTGGCCTCCAATGTGACACTGTTTGACCTGGCA
GACAGGATCCAGAAATATGTCAACTCCTGCAGGTCCTCTGCTGAAGTCTGCCAGCTCTTGGGGTCTCAGA
GGCGGGTCTTTTCGAGCGGGCAGCTTGTGTAAGCGGAAGAGTCCAGAATGTGACAAAGAGACCTCCATCTG
CACCGACTGGATGGTGTGCGCTCTGTGAGTCAAGTCTGGCTACTTCCAGTTCAACAAGATGGATCAC
TCTTGGCGAGCATGTGAAGATGGATATAGGCTTAAAAATGAAACCTGTATGAGTTGCCCATTTGGCCTCG
GTGACTCAACTGTGAAACCCCTATCAGCTCATCACTGTGGTGATCGCAGCCGAGGAGTGGCCTCTT
GCTCATCCTGGGCGTGGCACTATTGTTACCTGTTGCAGAAAGAGTAAAAATGACATAAGTAAACTCATC
TTCAAAAGTGGGGACTTCCAAATGTCCCATACACCGATGTCCCAAGAATCCTCGCTCGCAAGAGTGGG
GCCGAGAAGCCATTGAAATGCACGAGAACGGAAGCACAAAAACCTCCTGCAGATGACAGACGTGTACTA
CTCGCCCAACAACGTAAGGAACCCTGAACTTGAACGCAACGGACTGTACCCAGCCTACACTGGACTGCC
GGATCGAGACACTCTTGCATCTTCCCGGACAGTATAACCCATCTTTCATCAGCGACGAGAGCAGGAGGA
GAGACTACTTCTGAGTCCAGGAGACAGAGGGAGGCCCGTTTCTCTGAGCCACTCCCCGGACATCTGG
CTCAGAGCACTACACCCCAAAAGGGAGCACCATGCACTAGCTGCTCCTGGGACTCCGCAGAGCCAGCT
TGAGGGGCGTGGCCACAGTGAAGGGAAAGACGGAGGCGGAACTGCAGGCCACTCGTTCAGCACTGTTGT
TACTGTGAACATGGTCGTGGGCCAGTACCGAGTCTCAGAATGCCTGACACAACACGTAGAACGTAGAACG
GGATGCCTTCCATAACTGACCACTAGGCTTCAATTCAGGACCCAGTTTCCCTTTAATTTGCACTTTAAT
AGATTGGGCTGGGACACTTCCACACTGTGTGCTAGAGGCCTAGCAGGCGCTGCAGTGGGTGCAAAGTAT
TTTAAGGTTTCTAGGTTGTCCGTGCTCATTTCAGCCAAATGCCATAAATGAGACCTTGACATTTGCAAG
GCTCAACACAAAGCTTTTTTATGTCAAAGTACACATTTGCTTACAATGTATTAGTTTTACTTTCCCAAG
CAAGTATGAATCGGGGCAAAACAACATTCCTTTGAATTTCTTTAGAAGCATCCAGGTGTCCCTTAATGTG
TCCCAGCAGGGCAGTATCAGTCAGGACTACATGTGGAGCCAGAGTCTGCAGGGTGTAGTTGAAAAGGAGAGGCAGTT
GGCCTGAGGCTTAACCATCAATGTGGAGCCAGAGTCTGCAGGGTGTAGTTGAAAAGGAGAGGCAGTT
GCAGGTGTGTCTGAGCTGGTGTCTCACCTCCAGAGGGAAAGCAGCCAGCTGTAGGCCCAACAATTGGGCA
GAGGAATGAACGAGTAAACTGATACATTCACCGAACTCCAGTGCAGAAAGTTGGGGAGCTAGGAGGAAGCC
ACCGGCAAGGATGCATGCCTGCCAATCTTCAAACCATAAATGTTGCCACCAACTCAACAGAAACTTTTA
ACCACTTAAAACACTTATTCACTGAGGAGAGAACTTATTTACTCTACCCAGCCATTGATGCATGTGTG
TTCTTGTGCAGTGTACCTCAAGACTCCGCTGTGACCCGAGTCACTTTGGAGAATAAAGGCCAGCTAA
GGGTCTGAGGGCTTGCTTTGGGGAAAGGACGTTCTGTGTTTTGCTTATTGTATTGTGAGATCCTGGGCAG
TGGGAGGACTGTGTGGTGTGGTCCCCGGTGGAACTATCATCTTGTGAGATGCCTGGGTTTGGATGAG
GTGAAGAGGTCAAAGCATTATCCCACCCAGATGATGGGGACTCCACAGCATATATTTCTGGAAATGGGA
CAGCTGTTAGAAATGGTTCTGTATGTGTTCTTTGATGTTCTCTGATTCTCTAAAAATTTATGAAGTCA
AAAAAAAAAAAAAAAAAAAAA
    
```

Restriction Sites:

Ascl-NotI

ACCN:

NM_175256

Insert Size:

2265 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: [BC076596](#), [AAH76596](#)

RefSeq Size: 4083 bp

RefSeq ORF: 2265 bp

Locus ID: 77446

Cytogenetics: 16 B3