

Product datasheet for **MC223151**

Herc6 (NM_025992) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Herc6
Synonyms:	1700121D12Rik; 2510038N07Rik; 4930427L17Rik; AI451296; CEB1; Herc5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC223151 representing NM_025992
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTATTTTCAGCTGGGCTGCAGGAAGCCGAAGCCTCGGCGCCTGAAGGCGGGAACAGCGGCATTGAAC
TCTTGCAAGGACGAGCGGGGAACACCACTCGCTCCTACTGTTTCAGCAACCACAGGGTGTATTCCTGCGG
GGACAACAGCTGGGACAGCTGGGCCAGAGGAGAGACCAGAGTACCGAAAGGCCAGAACCAATTCAGGCA
CTGAATGATCTGCATGTTGACCTGGTGAGCTGTGGGAAGGAACACTCTGTGGCTGTCTGCCACAAAGGAA
AGGCTTCGCTTGGGAGCCGGTTCTGAAGGACAGCTGGGGATTGGAGAATTTAAGGAAATAAGCTTTAT
GCCACGAAAAATAAAGCTCTGGCTGGCATAAAAAATAATCCAAGTTTCCTGTGGACACTACCACTTTTG
GCCTTATCAGAAGATGGCCACGTGTTTTCATGGGAAGGAACAGTGAAGGACAACCTGGGCTGGGGAAGA
ATTCCTGTTCTCAAGCTATTCCACAGAAGGTGAAGTCTCTGGAGGGGATCCCACTGGCTCAGGTTGCTGC
AGGTGGCACACACAGTTTGTCTGTCTCTCACGGGGACATCATTTGGCTGGGGAGCAACAGATCTGGG
CAGTTGGCTCTCAGCGGGAACAAAGTTAAAGAACAATCTACAAGCCGCAATTCATTGGTGCCTGAAGA
ATCTGAGTGTGATTATATTAGCTGTGGTTATGAGCATACTGCAGTGCTTACTGAGGAGGACAAGTGTT
TACATTTGGAGGCAATAGCTCTGGACAACACAGCCAGCCAGGAGTGGACAAAGAGGCCCACTC
ATAGAAGGAATTTGGTGGCGTGTTCACAGATAGAGTGCAGCAAGTTATCACACCATTCATATGTCTACA
CCACTGGTCAGGTGGTATCTTTAGGCCGTGGACCAAGTCACACAAGCAACCAACTCATCAGGAGGCCCC
CGCAGAGAATCTGATATTACCTGCCTGTAGCTGCAGAGGACCTTGTGGATATTGAAGTCAAAGACATT
TTTGCTGGAGCACACGCCAATTTGTGACAACCTCGTCGGGTATCACATACTAGGCTACAGGTGTTTCCA
TGAAAACTCTGCCAGAAATAATCCGAATCAACCAAGTCTCTGGTAAAGAAATGGAGAGCAGCAATAAAG
AAAAGATCGTGAAGGCGCCAAAAGAGAAATCAGCTTGATATTTTCATCTTCTGCTTGTGACAGCGAGC
TTTCTGAAGAAAAGAGATGCTGGAGAGAATAATCTCATTGATGTGGACTTAACTGGCAAGAGATGTCT
TCAAGAAGTTAAACAACAGAGAAATGGATTTCTTCTTGATAACCAAGTGTCTTGAGGAGTATCTGCTCAG
AGATCTTCCATACAGTTCTCCACCAAGAAGCTCTACTTGTCTTTTCTTTGCTCCAGAAATGTTCCATT
ATGCAGGATCCTAAGAAGTGAAGACCTGGCATTGGAATTTGCAAAAAGCTATTCATAAAAAATGGGTCCAC
AGTCATTAGCATTCTGAGAAGCTGTTGGGCATCTTTGGAAGTTTCTTCACTGAACATACTGGTTCAGAT
GCTAAGAAAGCCATCATCTCTCAATACAGTATGGAGTTGCAACGGAGCAGTATATTACTAATATTA
GTTCTTTTAGAAGTGATAAAAGAAGTGATAAGGCTAACTGTCAACTTCAGAAAGTGCCTTCATCATAA
ATGAGCTTTCTGGCATCTTAACTTTGATGCAGAGGCAGGAAGAAATGTTTATACGGCATAACGATCTGGA
CTGTACAGAATCCTCAGATATGGTTGTTTTCAGTGATTTTCTATTTGTCTTTGATTTGCCATCCAAAT
AACTAATGAAATGTGACTCATTTGTAAGAACTGATGTCTGAAGTCATGGCATTTCAGAAAAGATGAGCT
CCCCACCATACTTATACTGAAAGTCAGACGAAGTCACTGGTGGAGACACATTGCGTCAATTAAGACA
AGTGGAAGACTTTGACCTTAGGAAGCAACTATCGGTTGGATTTATTAATGAAATTCGTCTGAGGCTGGG
GGAGTGAGTTCAGAGTTCTTCACTGTATATTTGAAGAGATGACAGACCCCAATATGAAATGTTTCATAT
ATCCTGAAAAGGTTCCAGCATGTGGTTTCCAGTCAATCCCAAGTTTGAGAAGAGCAGCTATTTCTATT
TGGGATCTTATGTGACTCTCCCTACATAACTTAAAGGTTATCAACCTTCTTTCCCACTGGCTTTATAT
AAAAAACTTTTGAACAAAAGCCATCTTTGGAAGACTTAAAGAACTTAGTCTTCCCTTGGGGAGGAATT
TGCAAGAAGTTCTAAATGTGAGGCTGGTGATATTGAAGAACTTCACATGTATTTTCTATATACTGGGA
TCAAAAAGATGTTGATTAAATTCAGATGGGATCTCTGTGCTGTGAATGAAACCAACAAGAGAGACTAT
GTGCTAAGTATGTTGATTACATTTTAAATCTCTATAAAGACGATTTATGAAGAATTTATAGAGGAT
TTTACAAAGTGTTAACTGGGATATAATTAGGCAATTCAGCCGGAAGAACTAATGACAGCAATAATTGG
AAATGCTACTTGTGACTGGAACAATTTGAAAAATAATCAAAGTATAAAGATGGATATGACAAATCACAC
CCAATATTCTGCTGTTTGGAAAGCTTCCATGACTTAACTTTGGATGAAAAGAAAAATTCCTCTGT
TTCTTACAGGATGTGATAGGCTGCATGTGAAAGGCCTACAGAATGAAGGAATAGTATTCGGTGTTCTGA
AACCTTCAGTGAAGAAAGATAACCCAAGATCATTGACATGTCACAGGATGCTAGACCTACCTAAGTATTCC
TCAATGCGAAGGATGAAGGAAGCACTTCAGGTTGCAATCAACAATAGCACGGGATTTGTCTCACAGGAAT
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_025992
Insert Size:	3012 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025992.2 , NP_080268.1
RefSeq Size:	5279 bp
RefSeq ORF:	3012 bp
Locus ID:	67138
UniProt ID:	F2Z461
Cytogenetics:	6
Gene Summary:	Major E3 ligase for ISG15 conjugation. Acts as a positive regulator of innate antiviral response in cells induced by interferon.[UniProtKB/Swiss-Prot Function]