

Product datasheet for MC200629

Ghitm (BC010224) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ghitm (BC010224) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ghitm
Synonyms: 1010001P14Rik; C77840; MICS1; PTD010; Tmbim5
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010224
 CGGACCGTGGGCGCGGTTGCGGAGGAGCAGGCAGAGGGAGGTCGCACACTCTGAGTTTCGGTGACCC
 GGAAGGGAGCCCCGTGGTAGAGGTGACCGGAGCTGAGCATTTTCAGATCTGCTTAGGTAACCCGGTGTATC
 GCCACCATGTTGGCTGCAAGGCTTGTGTGTCTCCGACACTACCTTCCAGGGTTTTCCAGCCACTTTTC
 ATCACCAAGGCCTCTCCACTTGTGAAGAATTCATCACAAAGAACCAATGGCTCGTAACACCCAGCAGGG
 AATATGCTACCAAGACAAGAATTAGGACTCACCGTGGGAAAAGTGGACAAGAAGTAAAGAGGCAGCCTT
 GGAACCATCAATGGAAAAATCTTTAAATCGATCAATGGGAAGGTGGTTTGTGCTGGAGGAGCAGCT
 GTTGGTCTTGGAGCGCTCTGCTACTATGGCTTGGGAATGTCTAATGAGATTGGAGCTATCGAAAAGGCTG
 TAATTTGGCCTCAGTATGTAAGGATAGAATTCATTCTACTTACATGTACTTAGCAGGAAGTATTGGTTT
 AACAGCTTTGCTGCCTTGGCAGTAGCCAGAACACCTGCTCTCATGAACCTCATGATGACAGGCTCTTGG
 GTGACAATTGGTCAACCTTTGCAGCCATGATTGGAGCTGGAATGCTGTACACTCAATATCATATGAGC
 AGAGCCCAGGCCAAAGCATCTGGCTTGGATGCTGCATTCTGGTGTGATGGGTGCAGTTGTGGCTCCTCT
 GACGATCTTAGGGGGCCCTCTTCTCCTGAGAGCCGCATGGTACACCGCTGGTATTGTGGGAGGCCTCTCT
 ACTGTGGCCATGTGTGCACCTAGTGAGAAGTTTCTGAACATGGGAGCACCCCTGGGAGTGGGCTGGGTCT
 TTGTCTTTGCGTCTTCTCTGGGGCTATGTTTCTCCCCCTACCTCTGTGGCTGGTCCACTCTGTACTC
 AGTGGCAATGTATGGTGGATTAGTTCTTTTAGCATGTTCTTCTGTATGATACTCAGAAAGTAATCAA
 CGTGCAGAAATAACCCCATGTATGGAGCTCAAAGTATGATCCCATCAATTCGATGTTGACAATCTACA
 TGGATACATTAATATATTTATGCGAGTTGCAACTATGCTAGCAACTGGAAGCAACAGAAAGAAATGAAG
 TAACCGCTTGTGATGTCTCCACTACTGATGTCTTGGTTTAAATAGGAGCAGATAGCTTACAGTTT
 GCATCATCAGAATTCCTTGGAGTTTAGAAGATAGCCTGTCAACCATGTTTAAATGTGCAATGATGCGACC
 CTTCAGGCATGCCTTTTCTTTAGAAAATAAATGCAATAGATGTCTTCCAATATAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC010224
Insert Size: 1041 bp



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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>BC010224</u> , <u>AAH10224</u>
RefSeq Size:	1414 bp
RefSeq ORF:	1041 bp
Locus ID:	66092
Cytogenetics:	14 21.29 cM
Gene Summary:	Required for the mitochondrial tubular network and cristae organization. Involved in apoptotic release of cytochrome c (By similarity).[UniProtKB/Swiss-Prot Function]