OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC200498

Ghitm (NM_078478) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ghitm (NM_078478) 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:	>BC008622 sequence for NM_078478 GACGCGTGGGCGCGCGGTTGCGGAGGAGCAGGCAGAGGGAGGTCGCACACTCTGAGTTTCGGTGACCCGG AAGGGAGCCCCGTGGTAGAGGTGACCGGAGCTGAGCATTTCAGATCTGCTTAGGTAAACCGGTGTATCGC CCACCATGTTGGCTGCAAGGCTTGTGTGTCTCCGGACACTACCTTCCAGGGTTTTCCAGCCCACTTTCAT CACCAAGGCCTCTCCACTTGTGAAGAATTCCATCACAAAGAACCAATGGCTCGTAACACCCAGCAGGGAA TATGCTACCAAGACAAGAATTAGGACTCACCGTGGGAAAACTGGACAAGAACTGAAAGAGGCAGCCTTGG AACCATCAATGGAAAAAATCTTTAAAATCGATCAAATGGGAAGGTGGTTTGTTGCTGGAGGAGCAGCTGT TGGTCTTGGAGCGCTCTGCTACTATGGCTTGGGAATGTCTAATGAGATTGGAGCTATCGAAAAGGCTGTA ATTTGGCCTCAGTATGTAAAGGATAGAATTCATTCTACTTACATGTACTTAGCAGGAAGTATTGGTTTAA CAGCTTTGTCTGCCTTGGCAGTAGCCAGAACACCTGCTCTCATGAACTTCATGATGACAGGCTCTTGGGT GACAATTGGTGCAACCTTTGCAGCCATGATTGGAGCTGGAATGCTTGTACACTCAATATCATATGAGCAG AGCCCAGGCCCAAAGCATCTGGCTTGGATGCTGCATTCTGGTGTGATGGGTGCAGTTGTGGCTCCTCTGA CGATCTTAGGGGGCCCTCTTCTCCTGAGAGCCGCATGGTACACCGCTGGTATTGTGGGAGGCCTCTCTAC TGTGGCCATGTGTGCACCTAGTGAGAAGTTTCTGAACATGGGAGCACCCCTGGGAGTGGGCCTGGGTCTT GTCTTTGCGTCTTCTCTGGGGTCTATGTTTCTTCCCCCTACCTCTGTGGCTGGTGCCACTCTGTACTCAG TGGCAATGTATGGTGGATTAGTTCTTTTTAGCATGTTCCTTCTGTATGATACTCAGAAAGTAATCAAACG TGCAGAAATAACACCCATGTATGGAGCTCAAAAGTATGATCCCATCAATTCGATGTTGACAATCTACATG GATACATTAAATATATTTATGCGAGTTGCAACTATGCTAGCAACTGGAAGCAACAGAAAGAAATGAAGTA ACCGCTTGTGATGTCTCCACTCACTGATGTCTTGCTTGTTTAATAGGAGCAGATAGTCATTACAGTTTGC ATCATCAGAATTCCTTGAGGTTTAGAAGATAGCCTGTCACCATGTTTAAAATGTGCAGTAATGCGACCCT TCAGGCATGCCTTTTCTTTTAGAAAATAAATGCAATAGATGTCTTCCAAATATAAAAAAAAAAAAAAAAA AAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_078478
Insert Size:	1041 bp

View online »

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	BC008622, AAH08622
RefSeq Size:	1412 bp
RefSeq ORF:	1041 bp
Locus ID:	66092
UniProt ID:	Q91VC9
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] Transcript Variant: This variant (1) represents the shortest transcript. Variants 1, 2 and 3 encode the same protein.