

Product datasheet for **MC221840**

McpH1 (NM_173189) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	McpH1 (NM_173189) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	McpH1
Synonyms:	5430437K10Rik; BRIT1; D030046N04Rik; MCT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221840 representing NM_173189
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCTCGGAGGCGTTGGGGCGCCTTTCTGAAAGATGTTGTGGCCTATGTTGAAGTATGGTCTT
 CCAAAGGGACAGAGAATTACTCAAGGACGTTTGC AAAGCAACTTGAGGATATGGGGCAACGGTTTCAAA
 AACCTTGAACAAGCAAGTGACCCATGTGATCTTCAAAGATGGATATCAGAGCACCTGGGCAAAAGCCAG
 AAGACCGGGCGAAGCTGGTTTCCGCTCCTGCGTTGAAAAATGCAGGATGGCTGGAGCACTTGTGATG
 AGTCTTTGTTCCCTGCAGTGAATACCGATGAACATCTACCAAACCTTAAGTAGAAAAAACACAAATGTAT
 GCAACCCAAAGATTTTATTCTTAAAACACCAGAAAATGACAAAAGACTTCAAAGAAAATTTGAGAAAATG
 GCTGAAGAGCTACAAAGGCAAAGGCAGCTCTAGATGATGACGTTCTGTCTCTCTGTTTGTAGTCCCCTC
 GCTCACTGGTGTACAGCTCCCCAGTGAATGTGATGAAGAGGAGACTGCAGGATATGAAGGAGAAGAGGGA
 GAACCTTTCCCTACCTCTCCAGATGTTGGAGCAGTCTCAGCAGAATCCATGTGTGAGTCTGTTTGA
 ACATCCTTGAACATTTCTACCAACCTTTGAGTTCAGATGAATCCTTTGCCAGTGGCTCCCCTCATCTT
 TCGGTGATTCTGTGGAGATCAAGAAAGGAAAAGTGGGAAGATCTGCTAATGAGATGACCACGGTGACATG
 CCCTTCTCACCTGTGTTGAGGGCAAGCAGTTTTTATGGCTCAGCATCACCAACCATCTCAGGCAGCCA
 CGTCTCAGAAAGCTCCAGACAGTCTTCAAAGGAGAGCATCAACTGTCAGAAGGATGCTACAGGTGCGG
 TAGCTGATCCGAGAGAAAGCAAGCTGCAGGTGTATCTCAGGGGGTGCCTGATGAGAAGCTCTGTCTGC
 TCCTACGATGCCATCATAGAAGAACCAAGTACGGTTGGGACCAAGAATTCTTCTGCAAAGAGAAAA
 AGGGCAGCGGACTTGGGTTTCATCTCAAAGGAAAAGTGAAGAAGAGGTACAAGAGAAAGTCTGCTCTGG
 CAATACAGTTATTCAAGTCCGACCAGAGCCCGCTCCACAATCAGACTCATTCCGGGAACTCCTGACGT
 TGAGGCTTCTTCCCTATGAGGACTATTTTCCCCTGATAATCTCAAGGAGAGGAATTCGGAGAGACTTCT
 CCTGAGGCTCAGCAACTAGCAAGCCCTTCTGTCTCACTGCAGAGGCTCTCAAAGTGGGAGCGAAGAA
 ACATGCTGAAAATGTGTGATTTTACCTGCATTGGTAAAAGCACAGATCCATCAGCAGCATTAGTGACTT
 AATTTCAAAGTGCCTTAGTCTTGAGAACTGTCAAGGAGGAAGTGAATACAGCTTCTACCTGCTTG
 CTTTTGGTGGAGACCTCTGCTAACGACAGCCAGGGCTTTCAGTGCAGCTGGCCCTCAGCTGAGGGATG
 ACACAGGCCAGAGGGAAGCAGCCACCCTGACACCCTGTCTAGTCTGCCACCACATCACACCCTTGAA
 AGGAAATAGTACAGAAACAGAGACCCAGGTGATGAAAAGGCTCCCCAAAGAAGTAGCACGCCCTCCT
 GCATCAGCCTCTCTGAAGATGAAGTACACATCTGTAATCTCAGTTTGGGAGAGGATTGTAATGTAGAAA
 AGTCTGTAGAAGAAAAGGAGAACATAGCCACAGGATATAGTGAAAGTGTTAAAAATGGACCAGGGCGGCC
 AGATCCTTCAGACAGCTTTGCACAGGCCCTGTGACACCTCAGCAGAAACCAAAGAAAAGTGAAGAAAGAA
 GAAAAGCCAACGAGAACATTGGTCATGACAAGCATGCCATCTGAGAAGCAGACCCTCATCATCCAGGTGG
 TGAGCACACTGAAAGGCTTTTCATTGCGACCCGAGGTCTGCGAGACCACCACCCAGTGTGGTAGGGAA
 GTCTGCCCGTACCCTGAACGTGTGATGGGAATGCCCCGCGCTGCTGGATTCTTTCTTACGAATGGGTA
 CTGTTGTCTTTAGAGTTGGGCCACTGGATTTCTGAGGAGCCTTTTGAACCTCTGAAACCTTCCCTGCAG
 CTCCGATCTGCCGACTTGAACGCCATTTATCTACCCAGCAATACCAAGGAACCTCTTTGCTAATCAGCC
 GAAGATGTTTATAGCGCCAGCCAGCAGCCCTCCAGAGCCAAACTGTGTGAACCTGTAATCCTGTGTGGT
 GGCCAAGTCAGCCAGCCCTCAGCTGGCCAGCCTCATCATTGGTCCCTACAAGGCAAGAAGAAAGCAA
 GGATCCAGTACCTGTGAGAGAAATGGGTCTTAGATTCCATCACCCAACACAAGATCTGTGACTTTAACAA
 CTACCAACTGCTACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173189
Insert Size: 2469 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:	<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:	NM_173189.2 , NP_775281.2
RefSeq Size:	4636 bp
RefSeq ORF:	2469 bp
Locus ID:	244329
UniProt ID:	Q7TT79
Cytogenetics:	8 A1.3
Gene Summary:	Implicated in chromosome condensation and DNA damage induced cellular responses. May play a role in neurogenesis and regulation of the size of the cerebral cortex (By similarity). [UniProtKB/Swiss-Prot Function]