

Product datasheet for **SC207604**

BRIT1 (MCPH1) (NM_024596) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BRIT1 (MCPH1) (NM_024596) Human 3' UTR Clone
Symbol:	BRIT1
Synonyms:	BRIT1; MCT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024596
Insert Size:	2000 bp



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Insert Sequence: >SC207604 3'UTR clone of NM_024596
 The sequence shown below is from the reference sequence of NM_024596. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCTGAAAACCTACCTATTGTCAAAATGACAGTGACCTACTGGCCTGTGGTGACTGCACACAGCTCG
CAAAACTGTCTTTGGATGTTCAAATGAGAAACAAAACCTGTGAAGAGAAGGAACTGGCGTATACAAGATG
ACTTCTGATATCATGTTTGCCATGTGTTGTGGTTCTTAAGAACTCATAGGTGACTTTCTGATGACTGAA
TGTCTGTTTCAGAGACGCTTCGGGCCTTTTTATTTTTATTTTTATTTTTATTTTTTGGAGACGGAGTCC
GCCCTGTTTCCCAGGCTGGAGTGCAATGGCACAATCTCGGCTCACTGCAACCTCCACCTCCCAGTTCA
AGCGATTCTGCTGCCTCAGCCTCCTGAGTAGTGGGATTACAGATGTGTGCCACCATGCCTGGCTAATT
TTTGTAGTTTTAGTAGAGACAGGTTTTCGCCATGTTGGCCAGGCTGGTCTCAAACGCTGAGCTCAGGT
GATCTGTCAGGCCTCTTCTATAGAATCCAGTCTTTGTGTCTTAGTCATGATCATAATTGAAAGGTCAC
AGAACCTTTGTCATTAGAGCACAGTACTGCCAAATAAAGAATGGAATCAATGACATTGTTTTATTAC
TGAGAACAACCTAGAGAACTCTGCAAGTTTCTTGGCTTAGACTCGATCTTTATTAATACATTATCTATTA
GGTAGGAAAGACATTTGTGAGCTATTAAGGTGACTTTTATCTAGCGGAGATTCTCTCTTAAAGTAATG
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AGCCTGACCAACGCAGCAAAACCCATCTACTAAAAATACAAAAATCAGCTGGGTGTGGTGGCACACA
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TGGAACCGATAAATGACTTAAGTAAAGTTTCAGGATAGTAAATCCATGTACAAAAATCAGCATTTCCAA
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TACCTAGGAACACGTATAACCAAGGAGGCAAGGATCTCTACAAGGAGAACCATAAACGAGATGCTGAG
TCCAGCGAGGTCGGAGGTGCCACTGAGCCCTCATCGTGGTGCCGTTCCGCTCTGGGTTATTTATCTG
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AGAATGAACCTTTGAGAAGGGAGGTAGCAGTGCATTGTATAGGAATTGGCATTCTATAGAAAACACAG
AACTGGAAATAATGAAGGGTGTCTCTTGGTTTTAAAAATAATGTATACACCTAAATCATCCCCTTATG
ATACTCATCCTCTAACAGCAATTGAACTTCAATACAATGAGTCATTCTGAGTTCCTCGCTTCACAT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024596.5](#)

Summary: This gene encodes a DNA damage response protein. The encoded protein may play a role in G2/M checkpoint arrest via maintenance of inhibitory phosphorylation of cyclin-dependent kinase 1. Mutations in this gene have been associated with primary autosomal recessive microcephaly 1 and premature chromosome condensation syndrome. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]

Locus ID: 79648

MW: 75.4