

## Product datasheet for **SC201861**

### BLM (NM\_000057) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** BLM (NM\_000057) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** BLM  
**Synonyms:** BS; MGRISCE1; RECQ2; RECQL2; RECQL3  
**ACCN:** NM\_000057  
**Insert Size:** 917 bp  
**Insert Sequence:** >SC201861 3'UTR clone of NM\_000057  
The sequence shown below is from the reference sequence of NM\_000057. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTCTTAAGCCTTCATATGCATTCTCATACAACCGAATCTCAATGTACATAGACCCCTTTTCTTGTTT
GTCAGCATCTGACCATCTGTGACTATAAAGCTGTTATTCTTGTTATACCATTTGAAGTTTTACTCGTC
TCTATTAATATTTAAATAAATGCTGGGGGTGATAGTTCTCTTTTTAAATAAAACATTTCTTTTGAA
TAAGCATGTTTTGCTGCCGCTGCAAGTGTGTGGCCGTTGTTTCTCAGAACGCTCTGAGGCAGCAGCTGA
ATCATCTCAGTGAAGAGCTTCTGAGCATAACACGAAACCCAGAAGCCAAAGGAAGGCCACGCGTGGG
CCCTTGTGAAACTAAAGCTTTTCGTGTAAGACAACACAAACAAAATTTAAAGACAAATGACGGGGAAAA
GAGGAGAAAAATATTACAAAGGATTAGTATCCATCATACCAAATACCCGTGAACCAAGTACAGAAACATC
CCAGGGGGCAGGTGGACCAAGGATGTGAACAGGCTAGTCTCAGAAGAAGAAATACACATGCTCATGGCC
CGGCACTGTGGCTCACGCCTGGGATCCCAGCACTTTGGGAGGCCGAGGCAGGTGGATCACGAGGTCAGG
AGTTTGAGACCAGCCTGCCAACATGGTGAACCCCGTCTCTACTAAAAATACAAAATTAGCCAGGCG
TGGTGTACAGGCACGCCTGTAGTCCCAGCTACTCAGGAGGCTGAGGCAAGAGAATCGCTTGAACCCAGG
AGGCGGAGGTTGCAAGTGAAGCCGAGATCGTCCACTGCACTCCAGCCTGGGTGACAGAGCAAGACTCCGT
CTCAAAAAAAAAAAAAAAAAAAGAAATATACATGCTCTGCAAATATGTGAAAAAGGTCAATCTCCATGA
ATAAAAATATGATAAAACCA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCGC
```

**Restriction Sites:** SgfI-RsrII

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000057.4</a>
<b>Summary:</b>	The Bloom syndrome is an autosomal recessive disorder characterized by growth deficiency, microcephaly and immunodeficiency among others. It is caused by homozygous or compound heterozygous mutation in the gene encoding DNA helicase RecQ protein on chromosome 15q26. This Bloom-associated helicase unwinds a variety of DNA substrates including Holliday junction, and is involved in several pathways contributing to the maintenance of genome stability. Identification of pathogenic Bloom variants is required for heterozygote testing in at-risk families. [provided by RefSeq, May 2020]
<b>Locus ID:</b>	641
<b>MW:</b>	34.5