

Product datasheet for **SC204559**

LBP (NM_004139) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: LBP (NM_004139) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: LBP
Synonyms: BPIFD2
ACCN: NM_004139
Insert Size: 374 bp
Insert Sequence: >SC204559 3'UTR clone of NM_004139

The sequence shown below is from the reference sequence of NM_004139. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTGCCAATGTCCAATACATGAGAGTTTGAAGACAAGAAAGATGAAGCTTGGAGGTCACAGCTGGATCT
GCTTGTGGCATTCCAGCTGTGCAGCAGTCTCAGAGATTCTTGAAGAATGAAGACATTTCTGCTCTCA
GCTCCGGGGGTGAGGTGTGCCTGCCTCTGCCTCCACCCTCCTCCTTACCAGGTGCATGCATGCC
TCTCTGAGTCTGGACTTTGCTTCCCCTCCAGGAGGACCACCCTCCCGACTGGCCTGGGATATCTTTA
CAAGCAGGCACTGTATTTTTTATTTCGCCATCTGATCCCATGCCTAGCAGAGTGTGGCACTTAGTAG
GTCCTCAATAAATATTTATTAATGATGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_004139.5](#)



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Summary:

The protein encoded by this gene is involved in the acute-phase immunologic response to gram-negative bacterial infections. Gram-negative bacteria contain a glycolipid, lipopolysaccharide (LPS), on their outer cell wall. Together with bactericidal permeability-increasing protein (BPI), the encoded protein binds LPS and interacts with the CD14 receptor, probably playing a role in regulating LPS-dependent monocyte responses. Studies in mice suggest that the encoded protein is necessary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulation. This protein is part of a family of structurally and functionally related proteins, including BPI, plasma cholesteryl ester transfer protein (CETP), and phospholipid transfer protein (PLTP). [provided by RefSeq, Apr 2012]

Locus ID:

3929

MW:

13.1