

Product datasheet for **RN204527**

Lbp (NM_017208) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lbp (NM_017208) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lbp
Synonyms:	Bpifd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204527 representing NM_017208
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGTCTGCGACTGGGCTCTGCTTCTACATTGCTGGGGCTACTGCTCTGTCTATACCAAGGACTC
AGGGTGTCAATCCCGCCATGGTGGTCAGGATCACCGACAAGGGCCTGGAGTACCGCGCAAGGAGGGCT
GTTGAGTCTGCAGAGAGAGCTGTACAAGATCACACTGCCTGACTTCAGCGGGGACTTCAAGATCAAGGCT
GTGGGCGGTGGGAGTACGAGTTTCATAGCCTGGAGATCCAGAGCTGTCAGCTGCGTGGCTCGTCCCTGA
AGCCGCTCCCAGGCCGAGGCTGAGTCTCTCCATCTGACTTTCGATCAGCGTCCGGGCAAATGGAA
AGTGCGCAGATCCTTCGTGAACTTCACGGCTCCTTTGACCTGGATGTCAAAGGTGTCATTTTCAGTG
GACCTCCTCTGGGCGTGGATCCCTCAGGACGGCCACAGTACCAGCTCTGGATGCAGCAACCGCATT
GTGATTTGGAATGCACGTATCAGGAAATGTGGGGTGGCTGCTGAATCTTTCCACAACCGATCGAGTC
CAAGCTCCAGAAAGTATTGGAGAGTAAGATTTGTGAGATGATCCAGAAGTCTGTGACCTCTGATCTGCAG
CCTTATCTCCAAACTCTGCCAGTACAGCGGATATCGACACTATCCTGGGCATTGACTACAGTTTGGTGG
CGGCTCCCAAGCAAAGGCCAGACGCTGGATGTGATGTTAAGGGTGAATTTTAAATCGGAATACCG
CTCCCCAGTCACTACCCCAACCCGACCATGAGCCTACCTGAGGACAGTAAACAAATGGTCTACTTTGCC
ATCTCAGATCAGGCCCTTCAACATAGCCACCCGGGTTTACCACCAGGCCGGTACCTGAACCTTACCATCA
CAGATGACATGTTACCGCTGACTCCAACATCCGGCTGAACACCAAGGCCTTCCGCCCTTCACTCCTCT
GATAACCAGAAAGTACCCGACATGAACTTGGAGCTTCTTGAACAGTGGTCTCTGCCCACTTCTGAAT
GTCAGTCTGGGAATCTGCTCTTCCGGCTTGGCGTGGTACGAATGTATTGCTCATTAACTTTTGACAACAGCAA
GGTCACCGGATGCTGCATCCAGAGAAGGCGCAAGTGAGACTGATCGAATCCAAAGTCGGCATGTTCAAT
GTGAACCTGTTCCAGGCATTCTCAACTACTACCTTCTCAACAGCCTCTACCCTGATGTCAACGATGAGC
TGGCCAAGGGCTTCCCCCTCCCTCTACCAAGGCGTATTAAGCTCCACGACCTCGACTTCCAGATCCACAA
GAACTTCTATACTTGGGTGCCAATGTCCAGTACATGAGAGT**TGA**

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_017208

Insert Size: 1446 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:

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_017208.2](#), [NP_058904.2](#)
RefSeq Size: 1881 bp
RefSeq ORF: 1446 bp
Locus ID: 29469
Cytogenetics: 3q42
Gene Summary: binds lipopolysaccharide on outer membrane of gram negative bacteria; involved in immune response [RGD, Feb 2006]