

Product datasheet for **MC205330**

Mbl2 (NM_010776) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mbl2 (NM_010776) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mbl2
Synonyms: L-MBP; MBL; MBL-C; MBP-C
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010760
GTTCTGGTGGAAGAGGAGCTTCCTTGCCTCCTGAGTCTTTGCTGTGCCAAAGCCCTGAAATATCATATCT
GGCCATCAGACACTGGTAAGTTGGAGGTGTGAACCTGTTGGCTCTCCCTGCCTGCAGTGACACCAGAGA
CCTGGACACCACTGACCTCCCTCAGAAGGGCGTCTCCTGCACGTGAGGAGCATGTCCATTTTCACATCCT
TCCTTCTGCTGTGTGGTGACAGTGGTTTATGCAGAGACCTTAACCGAAGGTGTTCAAAAATTCCTGCC
TGTGGTTACCTGCAGTTCTCCAGGCCTGAATGGCTTCCAGGCAAAGATGGACGTGACGGTGCCAAGGGA
GAAAAGGGAGAACCAGGTCAAGGGCTCAGAGGCTTGAAGGCCCTCCTGGAAAAGTAGGACCTACAGGAC
CCCCAGGGAATCCGGGGTAAAAGGAGCAGTGGGACCGAAAGGAGACCGTGGGGACAGAGCAGAATTTGA
TACTAGCGAAATTGATTCAGAAATTGCAGCCCTACGATCAGAGCTGAGAGCCCTGAGAACTGGGTGCTC
TTCTCTGAGTAAAAAGTTGAAAGAAGTATTTTGAGCAGTGTTAAAAAGATGAGCCTTGACAGAG
TGAAGGCCCTGTGCTCCGAATTCAGGGCTCTGTGGCCACTCCCAGGAATGCTGAGGAAAACCTCGGCCAT
CCAGAAAAGTGCCAAAGATATTGCCTACTTGGGCATCACAGATGTGAGGGTTGAAGGCAGTTTTGAGGAT
CTGACAGGAAACAGAGTGCCTATACTAATTGGAATGATGGGGAGCCCAACAACCGGGCGATGGGGAAAG
ACTGTGTGGTGATCTTGGGAAATGGCAAGTGGAACGATGTCCCCTGCTCTGACTCTTTTTGGCAATCTG
TGAATTCTGACTGAGGGTGCTTGTCTCAGCCCTCCTGATTCTTTAGGGTACTCCTGACGTCGGCA
GTTTGTCTGAAAAATAAATATGGGAAAATAAACAATTCAACATTGGTTACCCAATGCATTCTCTTG
TGAAGGTGTAGAAATAAAGTGAGTTTAGTTTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010776

Insert Size: 735 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:	<u>BC010760</u> , <u>AAH10760</u>
RefSeq Size:	1098 bp
RefSeq ORF:	735 bp
Locus ID:	17195
UniProt ID:	<u>P41317</u>
Cytogenetics:	19 25.14 cM
Gene Summary:	Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages (By similarity). [UniProtKB/Swiss-Prot Function]