

Product datasheet for MC207326

Mbl1 (NM_010775) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mbl1 (NM_010775) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Mbl1
 Synonyms: MBL-A; MBP-A; S-MBP
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC207326 representing NM_010775
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTCTGCTTCCATTACTCCCTGTCCTTCTGTGTGGTGAGTGTGCCTCATCAGGGTCACAAACCT
 GTGAGGACACCCTGAAGACTTGCTCTGTGATAGCCTGTGGCAGAGATGGGAGAGATGGACCCAAAGGGGA
 GAAGGGAGAACCAGGTCAAGGGCTCAGGGGCTTGCAAGGCCCTCCAGGGAAATTGGGGCCTCCAGGAAGT
 GTTGAAGCCCTGGAAGTCCAGGACCAAAAGGCCAAAAGGGGGACCATGGAGACAATAGAGCCATTGAGG
 AGAAGCTGGCAAATATGGAGGCAGAGATAAGGATCCTGAAATCAAACCTGCAGCTAACCAACAAGTTGCA
 TGCCTTCTCAATGGGCAAAAAGTCTGGGAAGAAGTTGTTTGTGACCAACCATGAGAAGATGCCCTTTTCC
 AAAGTGAAGTCTCTGTGCACAGAGCTCAAGGCACTGTGGCTATCCCCAGGAATGCTGAAGAGAACAAGG
 CCATTCAAGAAGTGGCCACAGGCATTGCCTTCTAGGCATCACGGACGAGGCGACTGAAGGGCAGTTCAT
 GTACGTGACAGGGGGGAGGCTCACCTACAGCAACTGGAAAAGGATGAGCCAAATAACCATGGCTCTGGG
 GAAGACTGTGTCATTATATTAGATAATGGTTTGTGGAATGACATTCCTGTCAAGCTTCTTCAAGGCTG
 TCTGCGAGTCCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_010775
 Insert Size: 720 bp



[View online »](#)

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:	NM_010775.2 , NP_034905.1
RefSeq Size:	923 bp
RefSeq ORF:	720 bp
Locus ID:	17194
UniProt ID:	P39039
Cytogenetics:	14 22.36 cM
Gene Summary:	Calcium-dependent lectin. Plays a role in the innate immune response by binding mannose, fucose and N-acetylglucosamine moieties on different microorganisms and mediating activation of the lectin complement pathway (By similarity). 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]