

## Product datasheet for TP503052

### Mbl2 (NM\_010776) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mannose-binding lectin (protein C) 2 (Mbl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203052 protein sequence Red=Cloning site Green=Tags(s)
	MSIFTSFLLLCVVTWVYAETLTEGVQNSCPVWTCSSPGLNGFPGKDGRDGAKEGKGPQGGLRGLQGPPG KVGPTGPPGNPGLKGA VGPKGDRGDRAEFDTSEIDSEIAALRSELRALRNWVLFSLSEKVGKKYFVSSVK KMSLDRVKALCSEFQGSVATPRNAEENSAIQKVAKDIAYLGITDVRVEGSFEDLTGNRVRYTNWNDGEPN NTGDGEDCWILGNGKWNDVPCSDSFLAICEFSD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_034906</a>
Locus ID:	17195
UniProt ID:	<a href="#">P41317</a> , <a href="#">Q3UEK1</a>
RefSeq Size:	1069



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<b>Cytogenetics:</b>	19 25.14 cM
<b>RefSeq ORF:</b>	735
<b>Synonyms:</b>	L-MBP; MBL; MBL-C; MBP-C
<b>Summary:</b>	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]