

Active Recombinant Human MBL2

Cat. No. MBL2-354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBL2 (Accession # AAH96182) Glu21-Ile248 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	21-248 a.a.
Predicted N Terminal	Glu21
Form	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose and BSA as a carrier protein.
Bio-activity	Measured by its ability to bind with Mannan in a functional ELISA.
Molecular Mass	Recombinant Human MBL2 has a calculated MW of 24 kDa (monomer). In SDS-PAGE migrates as 29-33 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

MBL2 mannose-binding lectin (protein C) 2, soluble [Homo sapiens]

Official Symbol

MBL2

Synonyms

MBL2; mannose-binding lectin (protein C) 2, soluble; mannose binding lectin (protein C) 2, soluble (opsonic defect) , MBL; mannose-binding protein C; COLEC1; collectin-1; mannan-binding lectin; mannose-binding lectin 2, soluble (opsonic defect); mannose-binding lectin (protein C) 2, soluble (opsonic defect); MBL; MBP; MBP1; MBL2D; MBP-C; HSMBPC; MGC116832; MGC116833;

Gene ID

4153

mRNA Refseq

NM_000242

Protein Refseq

NP_000233

MIM

154545

UniProt ID

P11226

**Chromosome
Location**

10q11.2

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