

## Recombinant Human MBL2 protein

**Cat. No.** MBL2-2330H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MBL2 protein(NP_000233.1)(Met1-Ile 248) was expressed in CHO.                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Ile 248                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant human MBL consists of 228 amino acids and predicts a molecular mass of 24 KDa. It migrates as an approximately 31 KDa band in SDS-PAGE under reducing conditions.                                                                                                   |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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](#)

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