Product datasheet for **TP720671**

**Mannan Binding Lectin (MBL2) (NM_000242) Human Recombinant Protein**

**Product data:**

- **Product Type:** Recombinant Proteins
- **Description:** Purified recombinant protein of Human mannose-binding lectin (protein C) 2, soluble (MBL2)
- **Species:** Human
- **Expression Host:** HEK293
- **Tag:** C-His
- **Predicted MW:** 25.06 kDa
- **Concentration:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
- **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining
- **Buffer:** Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.2
- **Endotoxin:** Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
- **RefSeq:** [NP_000233](https://www.ncbi.nlm.nih.gov/protein/NP_000233)
- **Locus ID:** 4153
- **RefSeq Size:** 3569
- **Cytogenetics:** 10q21.1
- **RefSeq ORF:** 744
- **Synonyms:** COLEC1; HSMBPC; MBL; MBL2D; MBP; MBP-C; MBP1; MBPD
- **Summary:** This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is capable of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

**Protein Pathways:** Complement and coagulation cascades

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1 / 1