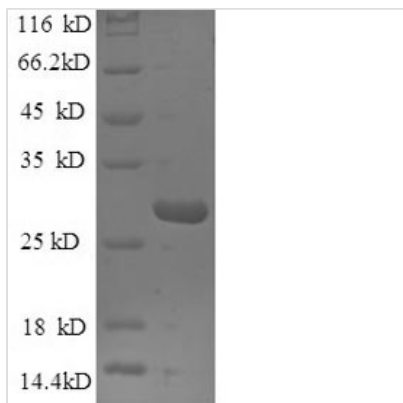




# Recombinant Human Mannose-binding protein C (MBL2)

<b>Product Code</b>	CSB-YP013540HU
<b>Relevance</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. May bind DNA.
<b>Abbreviation</b>	Recombinant Human MBL2 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P11226
<b>Alias</b>	Collectin-1MBP1Mannan-binding protein;Mannose-binding lectin
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	ETVTCEDAQKTCPAVIACSSPGINGFPGKDGRDGTKGEKGEPPGQGLRGLQGP PGKLGPPGNPGPSGSPGPKGQKGDGPKSPDGDSSLAASERKALQTEMARIK KWLTFSLGKQVGNKFFLTNGEIMTFEKVKALCVKFQASVATPRNAAENGAIQN LIKEAFLGITDEKTEGQFVDLTGNRLTYTNWNEGEPNNAGSDEDVLLLLKNG QWNDVPCSTSHLAVCEFFPI
<b>Research Area</b>	Immunology
<b>Source</b>	Yeast
<b>Target Names</b>	MBL2
<b>Protein Names</b>	Recommended name: Mannose-binding protein C Short name= MBP-C Alternative name(s): Collectin-1 MBP1 Mannan-binding protein Mannose-binding lectin
<b>Expression Region</b>	21-248aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	26.0kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.