



# Recombinant Pig Mannose-binding protein C (MBL2)

<b>Product Code</b>	CSB-EP894071PI-B
<b>Abbreviation</b>	MBL2
<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>	Q9XSW3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	HT ETENCEDIQN TCLVISCDSP GINGLPGKDG LDGAKGEKGE PGQGLIGLQG LPGMVGPGQS PGIPGLPGLK GQKGDSDGIDP GNSLANLRSE LDNIKKWLIF AQGKQVGKKL YLTNGKKMSF NGVKALCAQF QASVATPTNS RENQAIQELA GTEAFLGITD EYTEGQFVDL TGKRVRYQNW NDGEPNNADS AEHCVEILKD GKWNDIFCSS QLSAVCEFFA
<b>Source</b>	E.coli
<b>Target Names</b>	MBL2
<b>Protein Names</b>	Recommended name: Mannose-binding protein C Short name= MBP-C Alternative name(s): 27 kDa mannan-binding protein monomeric subunit Short name= pMBP-27 Mannose-binding lectin Short name= MBL
<b>Expression Region</b>	19-240
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.