



Recombinant Rat Mannose-binding protein C (Mbl2)

Product Code	CSB-EP013540RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08661
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	ET LTEGAQSSCP VIACSSPGLN GFPKGDGHDG AKGEKGEPGQ GLRGLQGPPG KVGPPAGPPGN PGSKGATGPK GDRGESVEFD TTNIDLEIAA LRSELRAMRK WVLLSMSENV GKKYFMSSVR RMPLNRAKAL CSELQGT VAT PRNAEENRAI QNVAKDVAFL GITDQRTENV FEDLTGNRVR YTNWNEGEPN NVGSGENCVV LLTNGKWNDV PCSDSFLVVC EFSD
Source	E.coli
Target Names	Mbl2
Protein Names	Recommended name: Mannose-binding protein C Short name= MBP-C Alternative name(s): Mannan-binding protein Ra-reactive factor polysaccharide-binding component p28A Short name= RaRF p28A
Expression Region	19-244
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
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.