

For Research Use Only

Recombinant Mouse Mbl2 protein (rFc Tag)



Catalog Number: Eg3157

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Mouse Mbl2 protein Glu19-Asp244 (Accession# P41317) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

17195

Accession:

P41317

Predicted Molecular Mass:

50.0 kDa

SDS-PAGE:

48-60 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Mbl2 (mannose-binding lectin 2), a member of the multimeric lectin family, is crucial in immune regulation and tumor development. Mbl2 serves as a crucial regulator of the innate immune response and represents a prime candidate for genetic association studies in cancer due to its genomic heterogeneity. Mbl2 activates a complement through the lectin pathway, recognizing and removing pathogens, such as microorganisms and viruses, apoptotic cells, and necrotic cells.

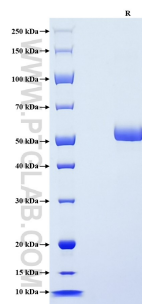
References

1. Maury C. P., et al. (2007). J Intern Med. Oct;262(4):466-9.
2. Baccarelli A, et al. (2006). Int J Cancer. Oct 15;119(8):1970-5.
3. Liao H, et al. (2023). Cancers. Oct 9;15(19):4900.

Synonyms

Mannan-binding protein, Mannose-binding protein C, Mbl2, MBP-C, RA-reactive factor P28A subunit

Selected Validation Data



Purity of Recombinant Mouse Mbl2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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