

RP03284

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Recombinant Mouse MMR/CD206 Protein

Catalog No.: RP03284

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	17533	Q61830

Tags

C-His

Synonyms

MMR; CD206; hMR; MRC1; CLEC13D; CLEC13DL; MRC1L1; Macrophage mannose receptor 1

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 90 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

Mannose receptor (also known as CD206) is a highly glycosylated type I transmembrane protein that is mainly present on the surface of macrophages, dendritic cells and avascular endothelial cells. CD206 can mediate the internalization of soluble and granular carbohydrate structures, thereby participating in innate immunity. And CD206 binds sulfated and non-sulfated polysaccharide chains through macrophage-mediated endocytosis of glycoproteins. It also acts as a phagocytic receptor for bacteria, fungi and other pathogens or a receptor for dengue virus envelope protein E.

Basic Information

Description

Recombinant Mouse MMR/CD206 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu20-Ala1388) of mouse MMR/CD206 (Accession #Q61830) fused with His tag at the C-terminus.

Bio-Activity

Immobilized Mannan from *Saccharomyces cerevisiae* at 20 μg/mL (100 μL/well) can bind Mouse CD206 Protein with a linear range of 0.078-1.25 μg/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Avoid repeated freeze/thaw cycles.

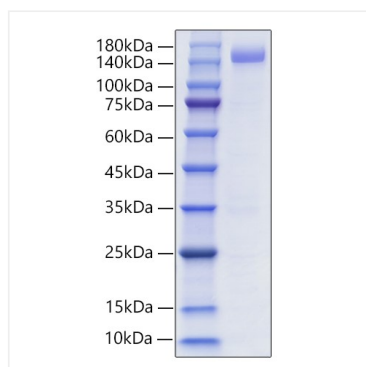
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Contact



www.abclonal.com

Validation Data



Recombinant Mouse MMR/CD206

Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.