SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Antibody Discovery - Human CD206 / MMR (19-1389) Membrane Protein, Partial, - His tag

Cat. No.: **MP1080F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human CD206 / MMR (19-1389). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
CD206 / MMR

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 158.6 kDa. The protein migrates as 150-190 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Leu 19 - Ala 1389 (Accession # P22897-1).

Product Description

Application
SDS-PAGE

Expression Systems
HEK293

Tag
His tag at the C-terminus

Protein Format
Soluble

Form
LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

CD206 / MMR

Full Name

mannose receptor C-type 1

Introduction

The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment.

Alternative Names

MMR; hMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1; macrophage mannose receptor 1; C-type lectin domain family 13 member D; human mannose recepto; macrophage mannose receptor 1-like protein 1; mannose receptor, C type 1-like 1

Gene ID

4360

UniProt ID

P22897

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