Recombinant Human MMR/CD206 Protein

Catalog No.: RP03527

www.abclonal.com

Sequence Information

Species
Human

Gene ID
4360

Swiss Prot
P22897-1

Tags
C-His

Synonyms
Macrophage mannose receptor 1, MRC1, CLEC13D, CLEC13DL, MRC1L1,CD206

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
158.34 kDa

Observed MW
160-180 kDa

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

Formulation
Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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 Human MMR/CD206 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu19-Ala1389) of Human MMR/CD206 (Accession # NP_002429.1) fused with His tag at the C-terminus.

Activity

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.

Storage
Store at -20℃

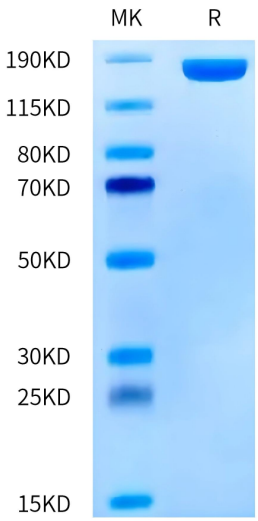
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

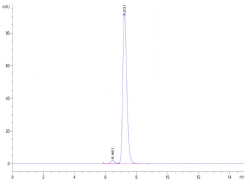
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human MMR/CD206 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Human CD206 is greater than 95% as determined by SEC-HPLC.