

Recombinant Human Dectin-2/CLEC6A Protein

Catalog No.: RP03538

Sequence Information

Species **Gene ID**
Human 93978

Swiss Prot **Tags**
Q6EIG7 C-His

Synonyms

CLEC6A, CLECSF10, DECTIN2, C-type lectin domain family 6 member A

Product Information

Source **Purification**
HEK293 cells ≥ 90 % as determined by SDS-PAGE.

Calculated MW **Observed MW**
20.89 kDa 15-25 kDa

Endotoxin

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

Formulation

Lyophilized from sterile PBS, 0.1 M Arg, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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

Background

CLEC4N, also known as Dectin-2, is a C-type lectin expressed by dendritic cells (DCs) and macrophages. Members of the C-type lectin domain (CTLD) superfamily are metazoan proteins functionally important in glycoprotein metabolism, mechanisms of multicellular integration and immunity. They share a common fold and are involved in a variety of functions, such as generalized defense mechanisms against foreign agents, discrimination between healthy and pathogen-infected cells, and endocytosis and blood coagulation. Genome-level studies on human, elegans and melanogaster demonstrated almost complete divergence among invertebrate and mammalian families of CTLD-containing proteins (CTLDcps).

Basic Information

Description

Recombinant Human Dectin-2/CLEC6A Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr42-Leu209) of Human Dectin-2/CLEC6A (Accession # NP_001007034) 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°C

Operational Notes

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

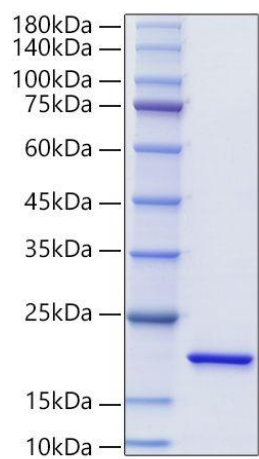
Contact

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Validation Data



Recombinant Human Dectin-2/CLEC6A Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.