

Biotinylated Recombinant Human BTN1A1/Butyrophilin www.abclonal.com Protein

Catalog No.: RP02557B Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 696 Q13410

Tags C-His&Avi

Synonyms

BT; BTN1A1; BTN; Butyrophilin

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by Tris-Bis PAGE;≥ 95 % as determined by

HPLC.

Calculated MW Observed MW

26.9 kDa 30-40 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube 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.

Contact

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Background

Butyrophilin 1A1 (BTN1A1) is one of the membrane proteins that surrounds LD,BTN1A1 plays an important role in regulating LD synthesis via ahanism involving membrane phospholipid composition.

Basic Information

Description

Biotinylated Recombinant Human BTN1A1/Butyrophilin Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala27-Arg242) of Human BTN1A1/Butyrophilin fused with a His and Avi tag at the C-terminal.

Bio-Activity

Shipping

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

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

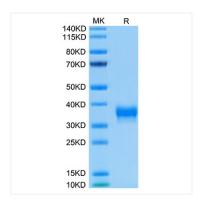
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

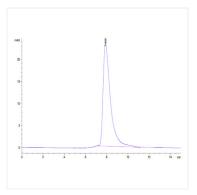
Operational Notes

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

Validation Data



Biotinylated Recombinant Human BTN1A1/Butyrophilin Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human BTN1A1 is greater than 95% as determined by SEC-HPLC.