

Biotinylated Recombinant Human BTN1A1/Butyrophilin Protein

Catalog No.: RP02557B

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 696 | O13410 |

Tags

C-His&Avi

Synonyms

BT; BTN1A1; BTN; Butyrophilin

Product Information

| | |
|-------------------------------|--|
| Source HEK293 cells | Purification ≥ 95 % as determined by Tris- Bis PAGE; ≥ 95 % as determined by HPLC. |
|-------------------------------|--|

[illegible]

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

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Butyrophilin 1A1 (BTN1A1) is one of the membrane proteins that surrounds LD. BTN1A1 plays an important role in regulating LD synthesis via a mechanism 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

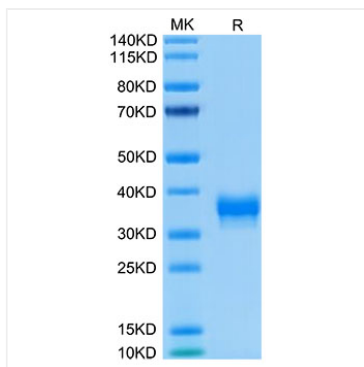
Storage

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

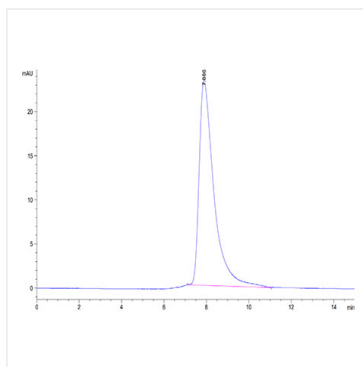
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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.