Recombinant Human BTN3A1/CD277 Protein

Catalog No.: RP01067

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Sequence Information

Species	Gene ID
Human	11119

Swiss Prot	Tags
O00481-2	C-hFc&His

Synonyms

BTN3A1,BT3.1,BTF5,BTN3.1,CD277

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
50.94 kDa	60 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

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

Basic Information

Description

Recombinant human BTN3A1/CD277 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln30-Gly254) of human BTN3A1/CD277 (Accession #NP_919423.1) fused with an Fc, 6×His tag at the C-terminus.

Activity

Measured by its ability to inhibit Anti-CD3-induced proliferation of jurkat. The ED_{50} for this effect is 24-96 ng/mL.

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

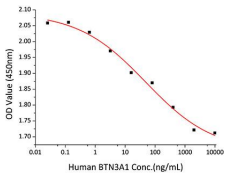
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

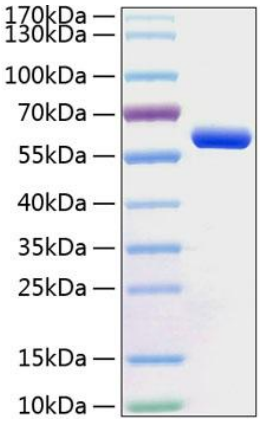
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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

Validation Data



Human BTN3A1 inhibits Anti-CD3-induced proliferation of jurkat. The ED_{50} for this effect is 24-96ng/mL.



Recombinant Human BTN3A1/CD277 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.