

Recombinant Human BTN3A3 Protein

Catalog No.: RP02154

Sequence Information

Species **Gene ID**
Human 10384

Swiss Prot **Tags**
O00478 C-His

Synonyms
BTN3A3,BTF3,BTN3.3

Product Information

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

Calculated MW **Observed MW**
24.6 kDa 30 kDa

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

Formulation
Lyophilized from a 0.2 μm filtered
solution of 20mM PB, 150mM
NaCl, pH 7.4. Contact us for
customized product form or
formulation.

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.

Background

Human BTN3A3, also known as butyrophilin subfamily 3 member A3 and BTF3, is a Single-pass type I membrane protein which belongs to the immunoglobulin superfamily and BTN/MOG family. The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin domains and an intracellular B30.2 (PRYSPRY) domain. It can be detected in peripheral blood mononuclear cells, T-cells I, spleen and lymphocytes. BTN3A3 plays a role in T-cell responses in the adaptive immune response.

Basic Information

Description

Recombinant Human BTN3A3 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Gln30-Trp248) of human BTN3A3 (Accession #O00478) fused with a 6xHis 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.

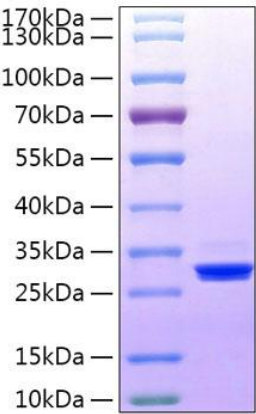
Contact

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Validation Data



Recombinant Human BTN3A3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.