

For Research Use Only

Recombinant Human BTN3A3 protein (rFc Tag)



Catalog Number: Eg4892

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/μg protein, LAL method

Source:
HEK293-derived Human BTN3A3 protein Gln30-Trp248 (Accession# O00478-1) with a rabbit IgG Fc tag at the N-terminus.

GeneID:
10384

Accession:
O00478-1

Predicted Molecular Mass:
50.8 kDa

SDS-PAGE:
50-60 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

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

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Butyrophilin Subfamily 3 Member A3 (BTN3A3) is a type I transmembrane protein belonging to the immunoglobulin (Ig) superfamily, which is expressed in many cancers. BTN3A3 might be involved in the regulation of cell proliferation by downregulating death-related genes. BTN3A3 may be a prognostic marker and a potential therapeutic target for ovarian cancer.

References

1. Zhang Q, et al. (2023). J Invest Dermatol. 143(8):1439-1448.e21.
2. Chen S, et al. (2022). Front Oncol. 12:952425.

Synonyms

BTF3

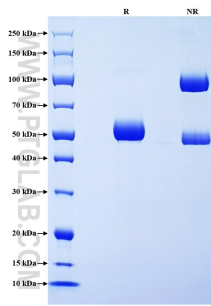
For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Human BTN3A3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.