

Datasheet for ABIN7504249

BTN3A2 Protein (AA 30-248) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BTN3A2
Protein Characteristics:	AA 30-248
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTN3A2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human BTN3A2 Protein
Sequence:	Gln30-Trp248
Characteristics:	Recombinant Human BTN3A2 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Gln30-Trp248.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	BTN3A2
Alternative Name:	BTN3A2 (BTN3A2 Products)

Target Details

Background: BTN3A2/BT3.2 butyrophilin mRNA expression by tumoral cells was previously identified as a prognostic factor in a small cohort of high grade serous epithelial ovarian cancer (HG-EOC). In conclusion, BT3.2 protein is a potential prognostic biomarker for the identification of HG-EOC patients with better outcome. In contrast, high CD206 /CD68 expression is associated with high risk of disease progression.

Molecular Weight: 50.37 kDa. Due to glycosylation, the protein migrates to 52-65 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months