Datasheet for ABIN7504249

BTN3A2 Protein (AA 30-248) (Fc Tag)

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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