Datasheet for ABIN7319891

BTN3A2 Protein (Biotin,His-Avi Tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	BTN3A2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTN3A2 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Recombinant Human Butyrophilin Subfamily 3 Member A2/BTN3A2 (C-6His-Avi) Biotinylated
Sequence:	Gln30-Trp248
Characteristics:	Biotinylated Recombinant Human Butyrophilin subfamily 3 member A2 is produced by our Mammalian expression system and the target gene encoding Gln30-Trp248 is expressed with a 6His, Avi tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BTN3A2
Alternative Name:	BTN3A2 (BTN3A2 Products)
Background:	Background: Butyrophilin subfamily 3 member A2, also known as BT3.2, BTF3, BTF4 and BTN3A2, is a single-pass type I membrane protein. It is a member of the butyrophilin (BTN)

Target Details

	family and the immunoglobulin (IG) superfamily. Mature human BTN3A2 is a 305 amino acid (aa) glycoprotein. It contains a 219 aa extracellular region with one V-type Ig-like domain, and a 65 aa cytoplasmic tail. The cytoplasmic region undergoes phosphorylation on two serines. There are three potential splice forms. BTN3A2 is postulated to be expressed on immune-related cells, as it has a structural similarity to MHC and CD80/CD86 Molecules. It plays a role in T-cell responses in the adaptive immune response and inhibits the release of IFNG from activated T-cells. Synonym: Butyrophilin subfamily 3 member A2, BT3.2, BTF3, BTF4, BTN3A2
Molecular Weight:	26.5 kDa
UniProt:	P78410

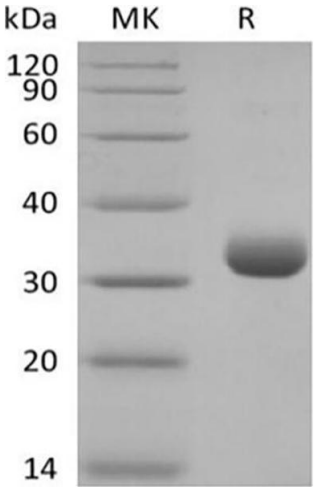
Application Details

Comment:	30-35 kDa
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.