

[Go to Product page](#)

Datasheet for ABIN1880691

**BTN3A2 Protein (AA 30-248) (His tag)**

## Overview

Quantity:	50 µg
Target:	BTN3A2
Protein Characteristics:	AA 30-248
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTN3A2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Butyrophilin 3A2/BTN3A2 (C-6His)
Sequence:	QFSVLGPSGP ILAMVGEDAD LPCHLFPTMS AETMELKWVS SSLRQVVNVY ADGKEVEDRQ SAPYRGRTSI LRDGITAGKA ALRIHNVTAS DSGKYL CYFQ DGDFYEKALV ELKVAALGSN LHVEVKGYED GGIHLECRST GWYPQPQIQW SNAKGENIPA VEAPVADGV GLYEVAASVI MRGSGEGVS CIIRNSLLGL EKTASISIAD PFFRSAQPWW DHHHHHH
Characteristics:	Recombinant Human Butyrophilin subfamily 3 member A2/BTN3A2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln30-Trp248) of Human BTN3A2 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	BTN3A2
Alternative Name:	Butyrophilin Subfamily 3 Member A2/BTN3A2 ( <a href="#">BTN3A2 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>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) family and the immunoglobulin (IG) superfamily. BTN3A2 plays a role in T-cell responses in the adaptive immune response and inhibits the release of IFNG from activated T-cells.</p> <p>Alternative Names: Butyrophilin subfamily 3 member A2, also known as BT3.2, BTF3, BTF4 and BTN3A2, is a single-pass type I membrane protein.</p>
Molecular Weight:	24.6 kDa
UniProt:	<a href="#">P78410</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months