

## Product datasheet

# Recombinant Human BTN3A1 protein (Tagged) (Biotin) ab271423

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### Description

<b>Product name</b>	Recombinant Human BTN3A1 protein (Tagged) (Biotin)
<b>Purity</b>	>= 90 % SDS-PAGE.
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<u><b>O00481</b></u>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	FSVLGPSGPI LAMVGEDADL PCHLFPTMSA ETMELKWWSS SLRQVVNVYA DGKEVEDRQS APYRGRTSIL RDGITAGKAA LRIHNVTASD SGKYLCYFQD GDFYEKALVE LKVAALGSDL HVDVKGYKDG GIHLECRSTG WYPQPQIQWS NNKGENIPTV EAPVVADGVG LYAVAASVIM RGSSGEGVSC TIRSSLLGLE KTASISIADP FFRSAQRWIA ALAG
<b>Predicted molecular weight</b>	53 kDa including tags
<b>Molecular weight information</b>	Protein runs at higher than predicted MW on SDS-PAGE due to glycosylation.
<b>Amino acids</b>	31 to 254
<b>Tags</b>	Avi tag C-Terminus , Fc tag C-Terminus
<b>Additional sequence information</b>	Fc region of Human IgG1. Genbank: NM_007048
<b>Conjugation</b>	Biotin

### Specifications

Our **Abpromise guarantee** covers the use of **ab271423** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

## Additional notes

Enzymatically biotin-labeled using Avi-tag™ technology

## Preparation and Storage

### Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark.

pH: 7.40

Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

## General Info

### Tissue specificity

Highly expressed in heart, pancreas and lung, Moderately expressed in placenta, liver and muscle.

### Sequence similarities

Belongs to the immunoglobulin superfamily. BTN/MOG family.

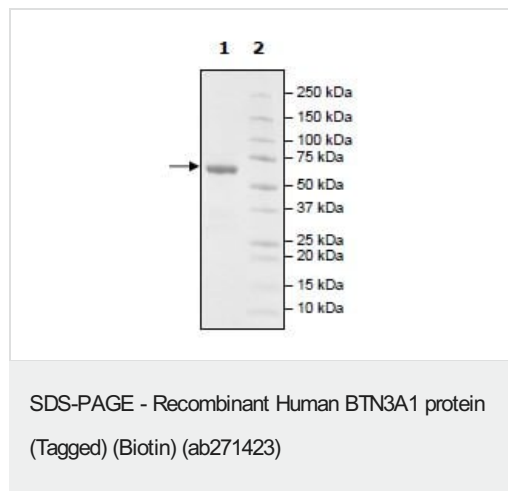
Contains 1 B30.2/SPRY domain.

Contains 2 Ig-like V-type (immunoglobulin-like) domains.

### Cellular localization

Membrane.

## Images



SDS-PAGE analysis of ab271423.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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