

# Biotinylated Human BTN2A1 Protein

Cat. No. BTN-HM42AB



## Description

Source	Recombinant Biotinylated Human BTN2A1 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.
	It contains Gln29-Ala248.
Accession	Q7KYR7-1
Molecular Weight	The protein has a predicted MW of 27.47 kDa. Due to glycosylation, the protein migrates to 43-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

## Formulation and Storage

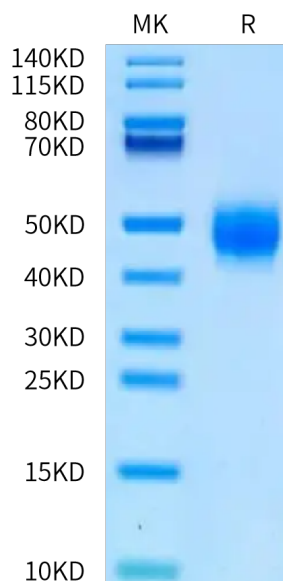
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

The MHC-encoded butyrophilin, BTN2A1, is a cell surface glycoprotein related to the extended family of B7 costimulatory molecules. BTN2A1 mRNA was expressed in most human tissues, but protein expression was significantly lower in leukocytes.

## Assay Data

### Bis-Tris PAGE



Biotinylated Human BTN2A1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

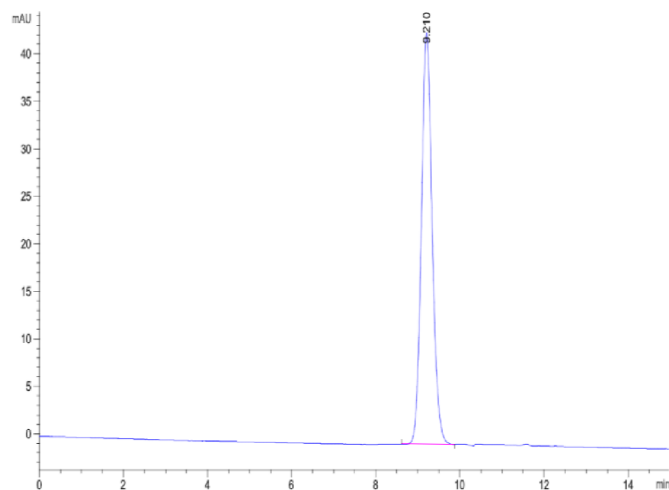
### SEC-HPLC

## Biotinylated Human BTN2A1 Protein

Cat. No. BTN-HM42AB



### Assay Data



The purity of Biotinylated Human BTN2A1 is greater than 95% as determined by SEC-HPLC.