Datasheet for ABIN6961119

BTN3A1 Protein (mFc-His Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	BTN3A1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTN3A1 protein is labelled with mFc-His Tag.

Product Details

Purpose:	Recombinant Human BTN3A1 protein with C-terminal mouse Fc and 6xHis tag
Specificity:	BTN3A1 (Glu30-Gly254) mFc (Pro99-Lys330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	BTN3A1
Alternative Name:	BTN3A1 (BTN3A1 Products)
Background:	Synonymes: BTN3A1, BTF5, CD277, BTN3.1, BT3.1 Description: The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular

Target Details

	immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1
Molecular Weight:	predicted molecular mass of 51.36 kDa after removal of the signal peptide.
Gene ID:	11119
UniProt:	O00481
Pathways:	Activated T Cell Proliferation

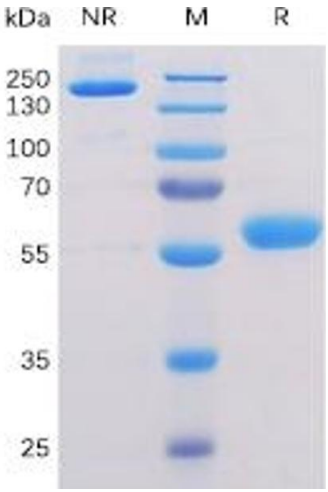
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human BTN3A1 Protein, mFc-His Tag on SDS-PAGE under non-reducing (NR) and reducing (R) conditions.

