

Recombinant Human BTN2A1 protein, Fc-Avi-tagged, Biotinylated

Cat. No. BTN2A1-2899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human BTN2A1 protein(Gln 29-Ala 248), fused with Fc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 29-Ala 248
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 52.7 kDa. The protein migrates as 65-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile

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conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION**Gene Name**

BTN2A1 butyrophilin, subfamily 2, member A1 [Homo sapiens]

Official Symbol

BTN2A1

Synonyms

BTN2A1; butyrophilin, subfamily 2, member A1; butyrophilin subfamily 2 member A1; BT2.1; BTF1; butyrophilin BTF1; DJ3E1.1; BK14H9.1; FLJ36567;

Gene ID

11120

mRNA Refseq

NM_001197233

Protein Refseq

NP_001184162

MIM

613590

UniProt ID

Q7KYR7

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