

# Recombinant Human BTN3A2 Protein, His-Avi-tagged, Biotinylated

Cat. No. BTN3A2-458H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Human BTN3A2, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Gln 30 - Trp 248 (Accession # P78410-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	30-248 a.a.
<b>Predicted N Terminal</b>	Gln 30
<b>Form</b>	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
<b>Molecular Mass</b>	The protein has a calculated MW of 27.3 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile 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**

BTN3A2 butyrophilin, subfamily 3, member A2 [ Homo sapiens ]

**Official Symbol**

BTN3A2

**Synonyms**

BTN3A2; butyrophilin, subfamily 3, member A2; butyrophilin subfamily 3 member A2; butyrophilin protein; BTF4; BT3.2; BT3.3; FLJ40011;

**Gene ID**

11118

**mRNA Refseq**

NM\_001197246

**Protein Refseq**

NP\_001184175

**MIM**

613594

**UniProt ID**

P78410

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