

## Active Recombinant Human BTN1A1 protein, His-tagged

Cat. No. BTN1A1-1258H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human BTN1A1/Butyrophilin Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala 27 - Arg 242 ) of human BTN1A1/Butyrophilin (Accession #NP_001723.2) fused with a 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala 27 - Arg 242
<b>Form</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to inhibit Anti-CD3-induced proliferation of jurkat cells. The ED50 for this effect is 3.35-13.4 ng/mL.
<b>Molecular Mass</b>	33-38 kDa
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by LAL method.
<b>Purity</b>	> 97% by SDS-PAGE.
<b>Storage</b>	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## GENE INFORMATION

**Gene Name** [BTN1A1 butyrophilin, subfamily 1, member A1 \[ Homo sapiens \]](#)

**Official Symbol** [BTN1A1](#)

**Synonyms** [BTN1A1](#); butyrophilin, subfamily 1, member A1; [BTN](#); butyrophilin subfamily 1 member A1; [BT](#); [bK14H9.2 \(butyrophilin, subfamily 1, member A1\)](#);

**Gene ID** [696](#)

**mRNA Refseq** [NM\\_001732](#)

**Protein Refseq** [NP\\_001723](#)

**MIM** [601610](#)

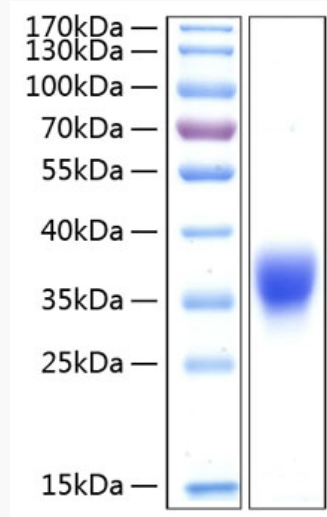
**UniProt ID** [Q13410](#)

 Tel: 1-631-559-9269 1-516-512-3133

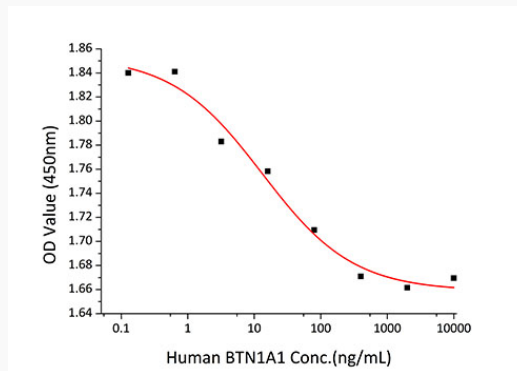
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**



**Activity**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA