

Active Recombinant Human BTN3A1 protein, His-tagged, Low Endotoxin

Cat. No. BTN3A1-47H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN3A1 protein(O00481-1)(Gln30-Gly254), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-254 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human BTN3A1, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-BTN3A1 Antibody, hFc Tag with the EC50 of 7.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 25.3 kDa. Due to glycosylation, the protein migrates to 28-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [BTN3A1 butyrophilin, subfamily 3, member A1 \[Homo sapiens \]](#)

Official Symbol [BTN3A1](#)

Synonyms BTN3A1; butyrophilin, subfamily 3, member A1; butyrophilin subfamily 3 member A1; BT3.1; BTF5; CD277; dJ45P21.3 (butyrophilin, subfamily 3, member A1); MGC141880;

Gene ID [11119](#)

mRNA Refseq [NM_001145008](#)

Protein Refseq [NP_001138480](#)

MIM [613593](#)

UniProt ID [O00481](#)

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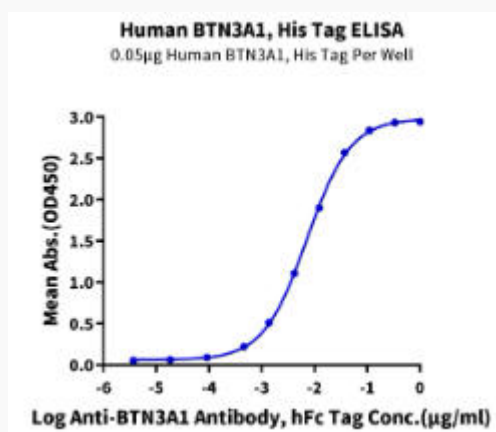
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Bis-Tris PAGE



ELISA Data



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