

Recombinant Human BTN3A1 protein, His-tagged

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	Gln30-Gly254
Tag	C-His
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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

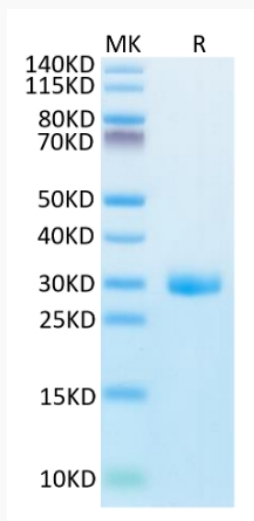
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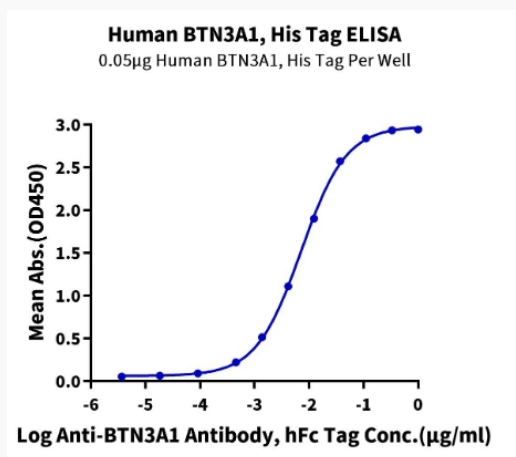
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	BTN3A1 butyrophilin, subfamily 3, member A1 [<i>Homo sapiens</i>]
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

Tris-Bis PAGE



ELISA Data



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