Recombinant Human BTN1A1 protein, hFc-tagged

Cat. No. BTN1A1-2907H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN1A1 protein(Q13410)(Ala27-Arg242), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala27-Arg242
Tag	C-hFc
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 50.7 kDa. Due to glycosylation, the protein migrates to 60-70 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
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

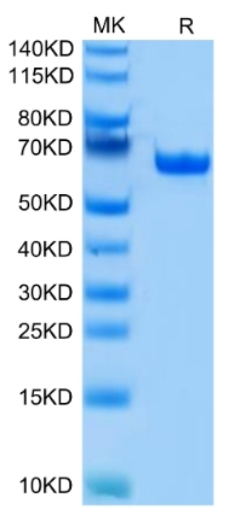
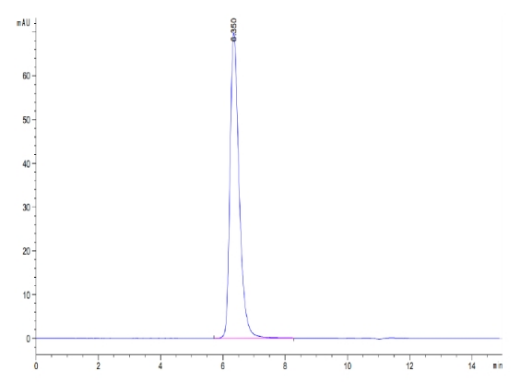
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	μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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

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Tris-Bis PAGE	
SEC-HPLC	

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