

Recombinant Human BTN3A1 protein, His-tagged

Cat. No. BTN3A1-2353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN3A1 protein(Met1-Gly254)(NP_919423.1), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly254
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human BTN3A1 consists of 236 amino acids and predicts a molecular mass of 25.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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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