

Recombinant Human BTN3A1 protein, His-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Recombinant Human BTN3A1 protein (NP_919423.1) (Met1-Gly254), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	1-254 a.a.
Predicted N Terminal	Gln 30
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
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	> 90 % 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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin

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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