Recombinant Active Human BTN1A1 Protein (ECD), Fc-His-tagged(C-ter)

Cat. No. BTN1A1-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human BTN1A1 Protein (ECD) with Fc-His tag (C-ter) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala27-Arg242
Description	Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families [provided by RefSeq, Jul 2008]
Form	Powder
Bio-activity	Measured by its ability to inhibit Anti-CD3-induced proliferation of Jurkat Human acute T lymphocyte leukemia cells. The ED50 for this effect is 0.13-0.52 ng/mL.
Endotoxin	Endotoxin level is less than 1.0 EU/μg of the protein, as determined by the LAL test.
Purity	> 97% (by SDS-PAGE)

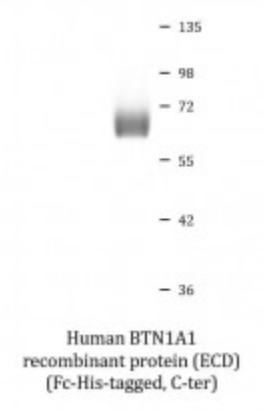
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Applications	FuncSt, SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile 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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SDS-PAGE	

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