

Recombinant Human BTN3A1 Protein, His-tagged

Cat. No. BTN3A1-331H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN3A1 Protein (Gln30-Gly254) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln30-Gly254
Description	The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.8 kDa Accurate Molecular Mass: 28 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

BTN3A1 butyrophilin, subfamily 3, member A1 [Homo sapiens (human)]

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

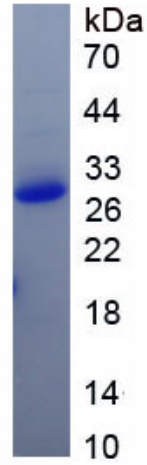
UniProt ID

O00481

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