

Recombinant Human BTN2A1 Protein

Catalog #	Source	Reactivity	Applications
CRP2580	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human BTN2A1 Protein is produced by mammalian expression system and the target gene encoding Gln29-Ala248 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol BTN2A1

Alternative Names BT2.1; BTF1; Butyrophilin subfamily 2 member A1

Entrez Gene 11120 (Human)

SwissProt Q7KYR7 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure QFIVVGPTDP ILATVGENTT LRCHLSPEKN AEDMEVRWFR SQFSPA VFVY KGGREERTEEQ MEEYRGR TTF VSKDISRGSV ALVIHNIT AQ ENGT YRCYFQ EGRSYDEAIL HLVVAGLGSK PLISMRGHED GGIRLECISR GWYPKPLTVW RDPYGGVAPA LKEVSMPDAD GLFMVTTAVI IRDKSVRNMS CSINNTLLGQ KKESVIFIPE SFMPSVSPCA HHHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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