

Recombinant Human BTN2A2 Protein

Catalog #	Source	Reactivity	Applications
CRP2581	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BTN2A2 Protein is produced by mammalian expression system and the target gene encoding Gln33-Val237 is expressed		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	BTN2A2		
Alternative Names	BT2.2; BTF2; Butyrophilin subfamily 2 member A2		
Entrez Gene	10385 (Human)		
SwissProt	Q8WVV5 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>QFTVVGPANP ILAMVGENTT LRCHLSPEKN AEDMEVRWFR SQFSPA VFVY KGGREERTEEQ MEEYRGRITF VSKDINRGSV ALVIHNVTAQ ENGIYRCYFQ EGRSYDEAIL RLVVAGLGSK PLIEIKAQED GSIWLECISG GWYPEPLTVW RDPYGEV VPA LKEVSIADAD GLFMVTTAVI IRDKYVRNVS CSVNNTLLGQ EKETVIEGRM DPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYK TTP PVLDS DGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GK</p>		
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 ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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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Product Data Sheet

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.

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