

Recombinant Mouse BTNL2 Protein

Catalog #	Source	Reactivity	Applications
CRP2855	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse BTNL2 Protein is produced by mammalian expression system and the target gene encoding Asp27-Ser452 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	BTNL2
Alternative Names	Butyrophilin-like protein 2; BTL-II
Entrez Gene	547431 (Mouse)
SwissProt	O70355 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	DDFRVVGPNL PILAKVGEDA LLTCQLLPKR TTAHMEVRWY RSDPDMPVIM YRDGA EVTGL PMEGYGGRAE WMEDSTEEGS VALKIRQVQP SDDGQYWCRF QEGDYWRETS VLLQVAALGS SPNIHVEGLG EGEVQLVCTS RGWFPEPEVH WEGIWGEKLM SFSENHVPGE DGLFYVEDTL MVRNDSVETI SCFIYSHGLR ETQEATIALS ERLQTELASV SVIGHSQPSP VQVGENIELT CHLSPQTDAQ NLEVRWLRSR YYP AVHVVAN GTHVAGEQMV EYKGR TSLVT DAIHEGKLT L QIHNARTSDE GQYRCLFGKD G VYQEARVDV QVMAVGSTPR ITREVLK DGG MQLRCTSDGW FPRPHVQWRD RDGKTMP SFS EAFQQGSQEL FQVETLLLV T NGSMVNV TCS ISLPLGQ EKT ARFPLSHHHH HH
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

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

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.

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