PRODUCT INFORMATION

Target	CBLB
Synonyms	Cbl-b; RNF56; ADMIO3; Nbla00127
Description	Recombinant human CBLB Protein with C-terminal 3×Flag tag
Delivery	In Stock
Uniprot ID	Q13191
Expression Host	HEK293
Tag	C-3×Flag Tag
Molecular Characterization	CBLB(Met1-Leu982) 3×Flag tag
Molecular Weight	The protein has a predicted molecular mass of 112.4 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes an E3 ubiquitin-protein ligase which promotes proteosome-mediated protein degradation by transferring ubiquitin from an E2 ubiquitin-conjugating enzyme to a substrate. The encoded protein is involved in the regulation of immune response by limiting T-cell receptor, B-cell receptor, and high affinity immunoglobulin epsilon receptor activation. Studies in mouse suggest that this gene is involved in antifungal host defense and that its inhibition leads to increased fungal killing. Manipulation of this gene may be beneficial in implementing immunotherapies for a variety of conditions, including cancer, autoimmune diseases, allergies, and infections. [provided by RefSeq, Sep 2017]
Usage	Research use only
Conjugate	Unconjugated

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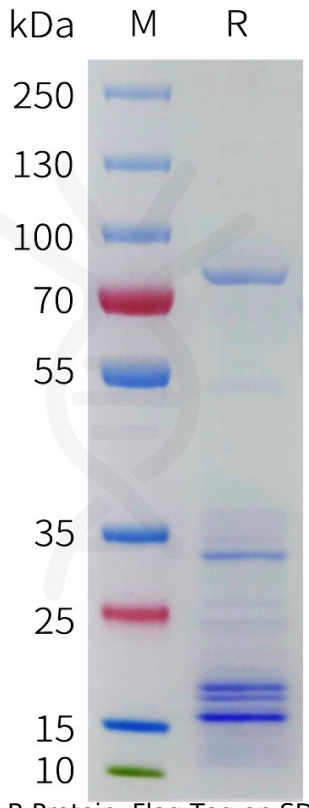


Figure 1. Human CBLB Protein, Flag Tag on SDS-PAGE under reducing condition.

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