

## PRODUCT INFORMATION

<b>Target</b>	CBLB
<b>Synonyms</b>	Cbl-b; RNF56; ADMIO3; Nbla00127
<b>Description</b>	Recombinant human CBLB Protein with C-terminal 3×Flag tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q13191
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-3×Flag Tag
<b>Molecular Characterization</b>	CBLB(Met1-Leu982) 3×Flag tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 112.4 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	This gene encodes an E3 ubiquitin-protein ligase which promotes proteasome-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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



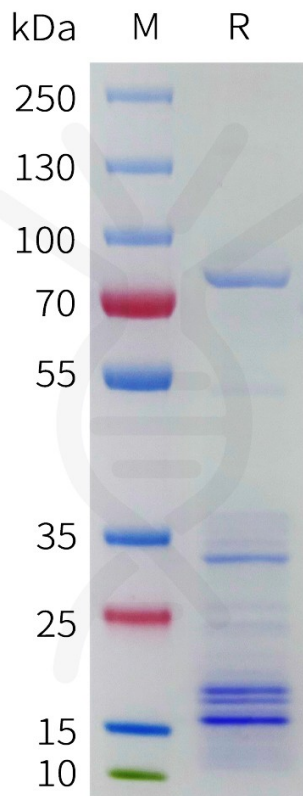


Figure 1. Human CBLB Protein, Flag Tag on SDS-PAGE under reducing condition.

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