

Recombinant Human CBLB Protein, His-Avi-tagged, Biotinylated

Cat. No. CBLB-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human CBLB, His Tag is expressed from E.coli. It contains AA Ala 39 - Phe 426 (Accession # Q13191-1). This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag.
Species	Human
Source	E.coli
ProteinLength	39-426 a.a.
Predicted N Terminal	His
Form	Lyophilized from 0.22 um filtered solution in 40 mM HEPES, 120 mM NaCl, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 47.8 kDa. The protein migrates as 45 kDa and 46 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90% as determined by reduced SDS-PAGE.
Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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ratio is 0.6-1 as determined by the HABA assay.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

CBLB Cbl proto-oncogene, E3 ubiquitin protein ligase B [Homo sapiens]

Official Symbol

CBLB

Synonyms

CBLB; Cbl proto-oncogene, E3 ubiquitin protein ligase B; Cas Br M (murine) ecotropic retroviral transforming sequence b , Cas Br M (murine) ectropic retroviral transforming sequence b; E3 ubiquitin-protein ligase CBL-B; Cbl b; RNF56; RING finger protein 56; SH3-binding protein CBL-B; signal transduction protein CBL-B; casitas B-lineage lymphoma proto-oncogene b; Cas-Br-M (murine) ectropic retroviral transforming sequence b; Cas-Br-M (murine) ecotropic retroviral transforming sequence b; Cbl-b; Nbla00127; FLJ36865; FLJ41152; DKFZp779A0729; DKFZp779F1443; DKFZp686J10223;

Gene ID

868

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mRNA Refseq	NM_170662
Protein Refseq	NP_733762
MIM	604491
UniProt ID	Q13191

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