

## Recombinant Human CBLB, GST-tagged

**Cat. No.** CBLB-579H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CBLB(21 a.a. - 129 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	21-129 a.a.
<b>Description</b>	CBL-B is an E3 ubiquitin-protein ligase that in humans is encoded by the CBLB gene.[1][2] CBLB is a member of the CBL gene family.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	37.73 kDa
<b>AA Sequence</b>	RILGIIDAIQDAVGPPKQAAADRRTVEKTWKLMDKVVRLCQNPQLQKNSPPYILDILP DTYQHLRLILSKYDDN QKLAQLSENEYFKIYIDSLMKKSKRAIRLFKEGK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

<b>Gene Name</b>	CBLB Cbl proto-oncogene B, E3 ubiquitin protein ligase [ Homo sapiens ]
<b>Official Symbol</b>	CBLB
<b>Synonyms</b>	Cbl-b; RNF56; Nbla00127; E3 ubiquitin-protein ligase CBL-B; Cas-Br-M (murine) ecotropic retroviral transforming sequence b; Cas-Br-M (murine) ectropic retroviral transforming sequence b; Cbl proto-oncogene, E3 ubiquitin protein ligase B; RING finger protein 56; SH3-binding protein CBL-B; casitas B-lineage lymphoma proto-oncogene b; signal transduction protein CBL-B
<b>Gene ID</b>	868
<b>mRNA Refseq</b>	NM_170662
<b>Protein Refseq</b>	NP_733762
<b>MIM</b>	604491
<b>UniProt ID</b>	Q13191
<b>Chromosome Location</b>	3q13.11
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem
<b>Function</b>	calcium ion binding; ligase activity; phosphotyrosine binding

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