

Recombinant Human CBLB, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CBLB(21 a.a. - 129 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	21-129 a.a.
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.73 kDa
AA Sequence	RILGIIDAIQDAVGPPKQAAADRRTVEKTKWLMDKVVRLCQNPQLQLKNSPPYILDILP DTYQHRLRLILSKYDDN QKLAQLSENEYFKIYIDSLMKKSKRAIRLFKEGK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	CBLB Cbl proto-oncogene B, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	CBLB
Synonyms	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
Gene ID	868
mRNA Refseq	NM_170662
Protein Refseq	NP_733762
MIM	604491
UniProt ID	Q13191
Chromosome Location	3q13.11
Pathway	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
Function	calcium ion binding; ligase activity; phosphotyrosine binding

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