

Recombinant Human CBLB, GST-tagged

Cat. No. CBLB-578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBLB(1 a.a. - 982 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-982 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	135.8 kDa
AA Sequence	MANSMNGRNPGGRGGNPRKGRILGIIDAIQDAVGPPKQAAADRRTVEKTWKLMKD VVRLCQNPKLQLKNSPPYIL DILPDYQHLRLILSKYDDNQKLAQLSENEYFKIYIDSL MKKSKRAIRLFKEGKERMYEEQSQDRRNLTKLSLIF SHMLAEIKAIFPNGQFQGDNF RITKADAAEFWRKFFGDKTIVPWKVFRQCLHEVHQISSGLEAMALKSTIDLTCN DYIS VFEFDIFTRLFQPWGSILRNWNFLAVTHPGYMAFLTYDEVKARLQKYSTKPGSYIFRL SCTRLGQWAIGYV TGDGNILQTIPHNKPLFQALIDGSREGFYLYPDGRSYNPDLTGL CEPTPHDHIKVTQEYELYCEMGSTFQLCKI CAENDKDVKIEPCGHLMCTSLTAW QESDGQGCPFCRCEIKGTEPIIVDPFDRDEGSRCCSIIDPFGMPMLDLD DDDRE ESLMMNRLANVRKCTDRQNSPVTSPGSSPLAQRKQPDPQLQIPHLSPVPPRLD

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LIQKGIVRSPCGS PTGSPKSSPCMVRKQDKPLPAPPPPLRDPPPPPPPERPPPIPPDN
 RLSRHHHVESVPSKDPPMPLEAWCPRDVFG TNQLVGCRLLGEGSPKPGITASSNV
 NGRHSRVGSDPVLMRKHRRHDLPLEGAKVFSNGHLGSEEYDVPPRLSPPP PVTTL
 LPSIKCTGPLANSLSSEKTRDPVEEDDDDEYKIPSSHPSVLSNSQPSHCHNVKPPVRSCD
 NGHCM LN GTHGPS SEKKSNIPDLSIYLKGDVFDSASDPVPLPPARPPTRDNP KHGS
 SLNRTPSDYDLLIPPLGEDAFDALPPSLPPPP PPARHSLIEHSPKPPGSSSRPSSGQD
 LFLPSDPFVDLASGQVPLPPARRLPGENVKTNRTSQDYDQLPSCSDGSQ APARP
 PKPRPRRTAPEIHRKPHGPEAALENVD AKI AKLMGEGYAFEEVKRALEIAQNNVEV
 ARSILREFAFPPP VSPRLNL

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.

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

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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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