

Recombinant Human CBL

Cat. No. CBL-26492TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CBL protein with an N terminal proprietary tag; predicted mwt: 125.73 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	906 amino acids
Description	The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation.
Molecular Weight	125.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

Sequences of amino acids

MAGNVKKSSGAGGGSGSGSGGLIGLMKDAFQPHHHH HHLSPHPPGTVDKK
 MVEKWCWKLMDKVVRLCQNPKLALKNS PPYILDLLPDTYQHLRILSRYEGKMETLG
 ENEYFRVFME NLMKKTQTISLFKEGKERMYEENSQPRRNLTKLSLIFSH MLAELK
 GIFPSGLFQGDTRITKADAAEFWRKAFGEKTIV PWKSFRQALHEVHPISGLEAMA
 LKSTIDLTCNDYISVFE FDIFTRLFQPWSSLLRNWNSLAVTHPGYMAFLTYDEVKAR
 LQKFIHKPGSYIFRLSCTRLGQWAIGYVTADGNILQTIPH NKPLFQALIDGFREGFYLF
 PDGRNQNPDLTGLCEPTQDH IKVTQEYELYCEMGSTFQLCKICAENDKDKVIEP
 CGHLM CTSCLTSWQESEGQGCPCFRCCEIKGTEPIVDPDFPRGSG SLLRQGAEG
 APSPNYDDDDDERADDTLFMMKELAGAKVER PPSPFMAPQASLPPVPPRLDLLP
 QRVCPSSASALGTAS KAASGSLHKDKPLPVPPTLRDLPPPPPPDRPYSVGAESRP
 QRRPLPCTPGDCPSRDKLPVPSSRLGDSWLPRPIPKVPV SAPSSSDPWTGRELT
 NRHSLPFSLPSQMEPRPDVPRLGST FSLDTSMSMNSSPLVGPEDHDPKIKPSSSAN
 AIYSLAARP LPVPKLPPGEQCEGEEDTEYMTSSRPLRPLDTSQSSRAC DCDQQID
 SCTYEAMYNIQSQAPSITESSTFGEGNLAHAHA NTGPEESENEDDGVDVPKPPVPA
 VLARRTLSDISNASSSF GWLSLDGDPTTNVTEGSQVPERPPKPFRRINSERKAGS
 C QQSGSPAASAATASPQLSSEIENLMSQGYSYQDIQKALVI AQNNIEMAKNILREFV
 SISSPAHVAT

Sequence

Contains 1 Cbl-PTB (Cbl-type phosphotyrosine-binding) domain.Contains 1 RING-

Similarities

type zinc finger.Contains 1 UBA domain.

GENE INFORMATION

Gene Name

CBL Cas-Br-M (murine) ecotropic retroviral transforming sequence [Homo sapiens]

Official Symbol

CBL

Synonyms

CBL; Cas-Br-M (murine) ecotropic retroviral transforming sequence; CBL2; E3

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

ubiquitin-protein ligase CBL; c Cbl; oncogene CBL2; RNF55;

Gene ID

[867](#)

mRNA Refseq

[NM_005188](#)

Protein Refseq

[NP_005179](#)

MIM

[165360](#)

Uniprot ID

[P22681](#)

**Chromosome
Location**

11q23.3-qter

Pathway


B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CDC42 signaling events, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

Function

SH3 domain binding; calcium ion binding; ephrin receptor binding; ligase activity; phosphotyrosine binding;

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA