

Recombinant Full Length Human CBL Protein

Cat. No. CBL-52HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	125.730kDa inclusive of tags
AA Sequence	MAGNVKKSSG AGGGSGSGGS GSGGLIGLMK DAFQPHHHHH HHLSPHPPGT VDKMMVEKCW KLMDKVVRLC QNPKLALKNS PPYILDLLPD TYQHLRTILS RYEGKMETLG ENEYFRVFME NLMKKTKQTI SLFKEGKERM YEENSQPRRN LTKLSLIFSH MLAELKGIFP SGLFQGDTR ITKADAAEFW RKAFGKKTIV PWKSFRQALH EVHPISSGLE AMALKSTIDL TCNDYISVFE FDIPTRLFQP

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WSSLLRNWNS LAVTHPGYMA FLTIDEVKAR LQKFIHKPGS YIFRLSCTRL
 GQWAIGYVTA DGNILQTIPH NKPLFQALID GFREGFYLF DGRNQNPDLT
 GLCEPTQDH IKVTQEYEL YCEMGSTFQL CKICAENDKD VKIEPCGHLM
 CTSCLTWQE SEGQGCPCFCR CEIKGTEPIV VDPFDPRGSG SLLRQGAEGA
 PSPNYDDDDD ERADDTLFMM KELAGAKVER PPSPFSMAPQ ASLPPVPPRL
 DLLPQRVCVP SSASALGTAS KAASGSLHKD KPLVPPTLR DLPPPPPPDR
 PYSVGAESRP QRRPLPCTPG DCPSRDKLPP VPSSRLGDSW LPRPIKVPV
 SAPSSSDPWT GRELTNRHSL PFSLSQMEP RPDVPRLGST FSLDTSMSMN
 SSPLVGPECD HPKIKPSSSA NAIYSLAARP LPVPKLPPGE QCEGEEDTEY
 MTPSSRPLRP LDTSQSSRAC DCDQQIDSCT YEAMYNISQ APSITESSTF
 GEGNLAAHA NTGPEESENE DDGYDVPKPP VPAVLARRTL SDISNASSSF
 GWLSLDGDPT TNVTEGSQVP ERPPKPFPRR INSERTKAGSC QQGSGPAASA
 ATASPQLSSE IENLMSQGY S YQDIQKALVI AQNNIEMAKN ILREFVSISS PAHVAT

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

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

Gene ID 867

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mRNA Refseq	NM_005188
Protein Refseq	NP_005179
MIM	165360
UniProt ID	P22681

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