

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 VDKMMVEKWCW KLMDKVRLC QNPKLALKNS PPYILDLLPD TYQHLRTILS RYEGKMETLG ENEYFRVFME NLMKKTQTI SLFKEGKERM YEENSQPRRN LTKLSLIFSH MLAELKGIFP SGLFQGDTR ITKADAAEFW RKAFGKKTIV PWKSFRQALH EVHPISSGLE AMALKSTIDL TCNDYISVFE FDIPTRLFQP

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WSSLLRNWNS LAVTHPGYMA FLTYDEVKAR LQKFIHKPGS YIFRLSCTRL
 GQWAIGYVTA DGNILQTIPH NKPLFQALID GFREGFYLFPP DGRNQNPDLT
 GLCEPTQDH IKVTQEYEL YCEMGSTFQL CKICAENDKD VKIEPCGHLM
 CTSCLTWQE SEGQGCPCFR CEIKGTEPIV VDPFDPRGSG SLLRQGAEGA
 PSPNYDDDDD ERADDTLFMM KELAGAKVER PPSPFMAPQ ASLPPVPPRL
 DLLPQRVCVP SSASALGTAS KAASGSLHKD KPLPVPPTLR DLPPPPPPDR
 PYSVGAESRP QRRPLPCTPG DCPSRDCLPP VPSSRLGDSW LPRPIKVPV
 SAPSSSDPWT GRELTNRHSL PFSLPSQMEP RPDVPRLGST FSLDTSMSMN
 SSPLVGPECD HPKIKPSSSA NAIYSLAARP LPVVKLPPGE QCEGEEDTEY
 MTPSSRPLRP LDTSQSSRAC DCDQQIDSCT YEAMYNIQSQ APSITESSTF
 GEGNLAAHA NTGPEESENE DDGYDVPKPP VPAVLARRTL SDISNASSSF
 GWLSLDGDPT TNVTEGSQVP ERPPKPFPRR INSERTKAGSC QQGS GPAASA
 ATASPQLSSE IENLMSQGYS 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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