Recombinant Human CBLC cell lysate

Cat. No. CBLC-001HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CBLC / Cbl-c derived in Baculovirus-Insect cells. The whole cell lysate is provided in 1X Sample Buffer.Browse all transfected cell lysate positive controls
Species	Human
Source	Insect Cells
Preparation method	Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation and then centrifuged to clarify the lysate. The cell lysate was boiled for 5 minutes in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol, and lyophilized.
Lysis buffer	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF
Quality control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Recommended Usage	1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube.2. Re-dissolve the pellet using 200μL pure water and boiled for 2-5 min.3. Store it at -80°C. Recommend to aliquot the cell lysate into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.Notes:The lysate is ready to load on SDS-PAGE for Western blot application. If dissociating conditions are required, add

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	reducing agent prior to heating.
Stability	Samples are stable for up to twelve months from date of receipt at -80°C
Storage Buffer	50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF
Storage Instruction	Lysate samples are stable for 12 months from date of receipt when stored at -80°C. Avoid repeated freeze-thaw cycles. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	CBLC Cbl proto-oncogene, E3 ubiquitin protein ligase C [Homo sapiens]
Official Symbol	CBLC
Synonyms	CBLC; Cbl proto-oncogene, E3 ubiquitin protein ligase C; Cas Br M (murine) ecotropic retroviral transforming sequence c , Cas Br M (murine) ectropic retroviral transforming sequence c; signal transduction protein CBL-C; CBL 3; CBL SL; RNF57; RING finger protein 57; SH3-binding protein CBL-3; SH3-binding protein CBL-C; Cas-Br-M (murine) ectropic retroviral transforming sequence c; Cas-Br-M (murine) ecotropic retroviral transforming sequence c; CBL-3; CBL-SL;
Gene ID	23624
mRNA Refseq	NM_001130852
Protein Refseq	NP_001124324
MIM	608453

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UniProt ID	Q9ULV8
Chromosome Location	19q13.2
Pathway	Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	SH3 domain binding; calcium ion binding; epidermal growth factor receptor binding; phosphotyrosine binding; signal transducer activity; ubiquitin-protein ligase activity; zinc ion binding;

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