

Recombinant Human CBLC, His-tagged

Cat. No. CBLC-10757H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBLC protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-350a.a.
Description	This gene encodes a centrosomal protein involved in microtubule organization, DNA damage response, and chromosome segregation. The encoded protein is required for assembly of primary cilia and localizes to mature centrioles. Defects in this gene are a cause of nephronophthisis-related ciliopathies. Two transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CBLC Cbl proto-oncogene, E3 ubiquitin protein ligase C [Homo sapiens]
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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) ecotropic 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) ecotropic 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
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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