



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### CBL, GST-Tag

Human, Recombinant, N-terminal GST-Tag  
**Catalog #:** 100370  
**Lot #:** 190430                      **Conc.:** 0.40 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 3 mM DTT, 0.04% Tween20, 20% glycerol, 16 mM glutathione, 3 mM DTT.

**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . Avoid freeze/thaw cycles.

**References:**

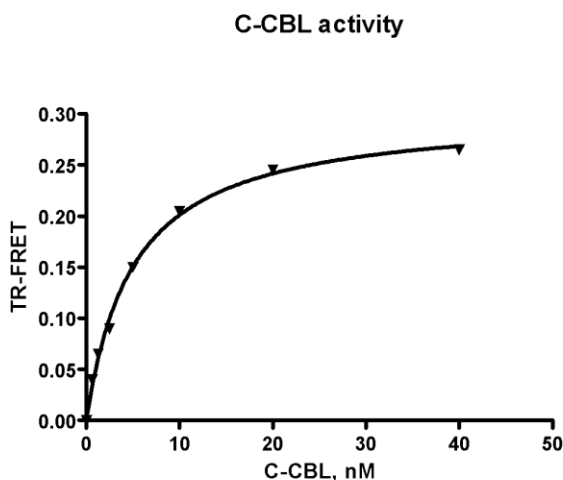
1. Keane, M.M., *Oncogene*, 1999 June; **18**: 3365-3375.
2. Griffiths, E.K., *Molec. and Cellular Bio.* 2003; Oct. **23(21)**:7708-7718

**Description:** Human CBL, also known as CBL-2, Cbl Proto-Oncogene, Signal Transduction Protein CBL, and Cbl Proto-Oncogene, E3 Ubiquitin Protein Ligase, Genbank Accession No. NM\_005188, a.a. 49-434 with N-terminal GST-tag, expressed in an E. coli expression system. MW = 71 kDa.

**Assay Conditions:** 10  $\mu\text{L}$  of reaction mixture contains 50 mM Tris, pH 7.4, 5 mM  $\text{MgCl}_2$ , 0.01% Tween, 0.2  $\mu\text{M}$  Ub[Biotin], 50 nM Ube1, 1 mM ATP, 2  $\mu\text{M}$  of UBCH5b, and various amount of CBL-B and C-CBL. The reaction was initiated with the addition of ATP, and incubated at 30C for 3 hours. Tb labeled anti-GST antibody donor and xl665 labeled acceptor was added and incubated at room temperature for one hour.

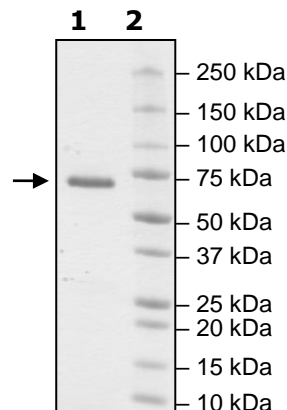
**Applications:** Useful for the study of enzyme kinetics and regulation, to dephosphorylate target substrates and for screening inhibitors.

## Quality Assurance



**4-20% SDS-PAGE  
 Coomassie staining**

**Lane 1:**  
**CBL**  
**Lane 2:**  
 Protein Marker  
**Purity:**  $\geq 90\%$   
**MW:** 71 kDa



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