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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

CBL-B Y363F, His, Biotin-labeled

Human, recombinant, CBL-B Y363F with N-terminal His-tag and biotin-tag

Catalog #: 80413

Lot #: 150430

Conc: 0.47 mg/ml

Formulated in: 40 mM HepesI, pH 7.4, 120 mM NaCl, 20% glycerol, 200 mM imidazole

Stability: At least 6 months at -80°C . *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

References:

1. Jeon, M.S., *et al.*, *Immunity*. 2004; **21**(2): 167-177.
2. Chiang, Y.J. *et al.*, *Nature*. 2000; **403**: 216-220.

Description: Human Casitas B-lineage lymphoma proto-oncogene b (CBL-B), also known as E3 ubiquitin-protein ligase CBL-B, RING finger protein 56, and SH3-binding protein CBL-B with Y363F mutation GenBank Accession No. NM_170662, a.a. 39 – 426 with N-terminal His-tag and N-terminal Avi-tag, expressed in an *E. coli* expression system. This protein was enzymatically biotinylated *in vivo* using AviTag™ technology. MW=48 kDa.

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

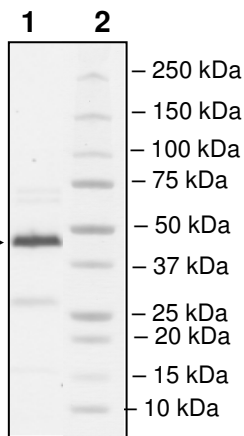
Quality Assurance

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

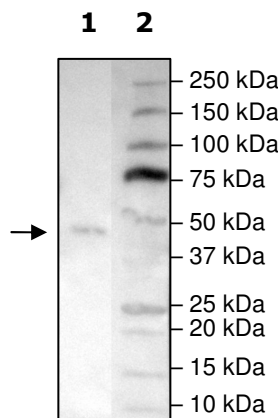
Lane 1:
2 µg CBLB Mutant

Lane 2:
Standard

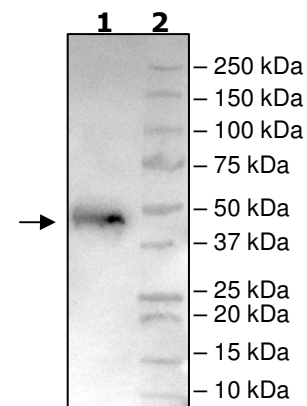
Purity: ≥85%
MW: 48 kD



**4-20% SDS-PAGE
Anti-His Western**



**4-20% SDS-PAGE
Streptavidin western**



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Sequence

MGSSHHHHHSQDPNSSARLQVDGLNDIFEAQKIEWHEGGAAADRRTVEKTKWLMDKVVRLCQ
NPKLQLKNSPPYILDILPDYQHLRLILSKYDDNQLAQLSENEYFKIYIDSLMKKSKRAIRLFK
EGKERMYYEQSODRRNLTKLSLIFSHMLAEIKAIFFPNGQFQGDNFRITKADAAEFWRKFFGDKTI
VPWKVFRQCLHEVHQISSGLEAMALKSTIDLTCNDYISVFEFDIFTRLFQPWGSILRNWNFLAVT
HPGYMAFLTYDEVKARLQKYSTKPGSYIFRLSCTRLGQWAIQYVTGDGNILQTI PHNKPLFQALI
DGSREGFYLYPDGRSYNPDLTGLCEPTPHDHIKVTQEYELFCEMGSTFQLCKICAENDKDVKIE
PCGHLMCTSLTAWQESDGQGCFFCRCEIKGTEP IIVDPF

Red: His-Avi-tag

Black: CBLB (a.a. 39-426)

Yellow: Y363F

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