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Product datasheet for PH305130

Cbl c (CBLC) (NM_012116) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CBLC MS Standard C13 and N15-labeled recombinant protein (NP_036248)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205130
Predicted MW:	52.5 kDa
Protein Sequence:	>RC205130 protein sequence Red=Cloning site Green=Tags(s) MALAVAPWGRQWEEARALGRAVRMLQRLEEQCVDPRLSVSPPSLRDLLPRTAQLLREVAHSRRAAGGGGP GGPGGSGDFLLIYLANLEAKSRQVAALLPPRGRRSANDELFRAGSRLRRQLAKLAIIFSHMHAELHALFP GGKYCGHMYQLTKAPAHTFWRESCGARCVLPWAEFESLLGTCHPVEPGCTALALRTTIDLTCSGHVSIFE FDVFTRLFQPWPTLLKNWQLLAVNHPGYMAFLTYDEVQERLQACRDKPGSYIFRPSCTRLGQWAIGYVSS DGSILQTIPANKPLSQVLLEGQKDGFYLYPDGKTHNPDLTELGQAEPQQRIHVSEEQLQLYWAMDSTFEL CKICAESNKDVKIEPCGHLLCSCCLAAWQHSDSQTCPFCRCEIKGWEAVSIYQFHGQATAEDPGNSSDQE GRELELGQVPLSAPPLPPRPDLPPRKPRNAQPKVRLLKGNSPPAALGPQDPAPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036248
RefSeq Size:	1591
RefSeq ORF:	1422
Synonyms:	CBL-3; CBL-SL; RNF57

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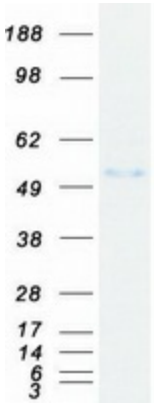
Locus ID:	23624
UniProt ID:	Q9ULV8
Cytogenetics:	19q13.32
Summary:	This gene encodes a member of the Cbl family of E3 ubiquitin ligases. Cbl proteins play important roles in cell signaling through the ubiquitination and subsequent downregulation of tyrosine kinases. Expression of this gene may be restricted to epithelial cells, and alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Protein Families:	Druggable Genome
Protein Pathways:	Chronic myeloid leukemia, Endocytosis, ErbB signaling pathway, Insulin signaling pathway, Jak-STAT signaling pathway, Pathways in cancer, T cell receptor signaling pathway, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified CBLC protein (Cat# [TP305130]). The protein was produced from HEK293T cells transfected with CBLC cDNA clone (Cat# [RC205130]) using MegaTran 2.0 (Cat# [TT210002]).