

Product datasheet for TP507210

Cblc (NM_001161844) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Casitas B-lineage lymphoma c (Cblc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207210 representing NM_001161844 Red=Cloning site Green=Tags(s)

MAAAAAPRGWQRGEPRLSRAVKLLQRLEEQCRDPRMVTGPPSLRDLLPRTAQLLGEVAKARREAREDP
GPGGADDFLAIYLANLEVKGRQVAELLPPRGKKDQVNFREGSRFRRQLAKLALIFSHMHAELSALFPA
GKYCGHLYQLTKGSAHIFWRQNCGVRCVLPWAEFQSLLCACHPVEPGPTMQALRSTLDLTCNGHVSVEF
DVFTRLFPWPPTLLRNWQLLAVNHPGYMAFLTYDEVQTRLQAYRDKPGSYIFRPSCITLQWAIQVSSD
GSILQTIPLNKPLLQVLLKGQKDGIFLFPDGKKHNPDLTELCRVEPYQRIQVSESDSQTCPFCRCEIKG
REAVSICQAQERPTVTAADGSRDNCHQEAEEQKLGVPVIPSAPSLLPEDQFPQGPQDKGWLTLAPLALP
RLRPLPLPKMASVLWEVTSRPRAREEATSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001155316
Locus ID:	80794



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UniProt ID: [G3X9U0](#)

RefSeq Size: 1530

Cytogenetics: 7 A3

RefSeq ORF: 1356

Synonyms: 2310076I21Rik; 2310079L19Rik; Cbl3

Summary: Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Functionally coupled with the E2 ubiquitin-protein ligases UB2D1, UB2D2 and UB2D3. Regulator of EGFR mediated signal transduction; upon EGF activation, ubiquitinates EGFR. Isoform 1, but not isoform 2, inhibits EGF stimulated MAPK1 activation. Promotes ubiquitination of SRC phosphorylated at 'Tyr-424', has the highest ubiquitin ligase activity among CBL family proteins. In collaboration with CD2AP may act as regulatory checkpoint for Ret signaling by modulating the rate of RET degradation after ligand activation; CD2AP converts it from an inhibitor to a promoter of RET degradation; the function limits the potency of GDNF on neuronal survival.[UniProtKB/Swiss-Prot Function]