

Recombinant Human CMBL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CMBL-4919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CMBL MS Standard C13 and N15-labeled recombinant protein (NP_620164) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CMBL (EC 3.1.1.45) is a cysteine hydrolase of the diene lactone hydrolase family that is highly expressed in liver cytosol. CMBL preferentially cleaves cyclic esters, and it activates medoxomil-ester prodrugs in which the medoxomil moiety is linked to an oxygen atom.
Molecular Mass	28 kDa
AA Sequence	MANEAYPCPCDIGHRLEYGGLGREVQVEHIKAYVTKSPVDAGKAVIVIQDIFGWQLP NTRYIADMISGNGYTTIVPDFVVGQEPWDPSPGDWSIFPEWLKTRNAQKIDREISAILK YLKQQCHAQKIGIVGFCWGGTAVHHLMMKYSEFRAGVSVYGIVKDSEDIYNLKNPTL FIFAENDVVIPLKDVSLLTQKLKEHCKVEYQIKTFSGQTHGFVHRKREDCSPADKPYI DEARRNLIEWLNKYMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

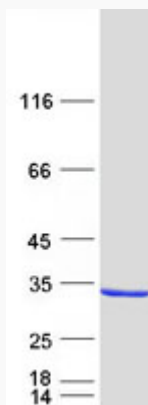
GENE INFORMATION

Gene Name	CMBL carboxymethylenebutenolidase homolog [Homo sapiens (human)]
Official Symbol	CMBL
Synonyms	CMBL; carboxymethylenebutenolidase homolog (Pseudomonas); carboxymethylenebutenolidase like (Pseudomonas); carboxymethylenebutenolidase homolog; FLJ23617; carboxymethylenebutenolidase-like (Pseudomonas); JS-1;
Gene ID	134147
mRNA Refseq	NM_138809
Protein Refseq	NP_620164
MIM	613379
UniProt ID	Q96DG6

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SDS-PAGE

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