

Recombinant Human CCBL1, T7-tagged

Cat. No. CCBL1-387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCBL1 (aa. 1-422) produced in <i>E.coli</i> is a 48.53 kDa protein. It was fused to T7 tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-422 a.a.
Description	CCBL1 is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism leads to the formation of reactive metabolites which can lead to nephrotoxicity and neurotoxicity.
Purity	>95%.
Preparation	0.1 mg/0.35 ml.
Tested Application	E, WB, MS.
Buffer	10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ .
Species Reactivity	n/aH.
Storage	Store at -70°C with any protein, exposing CCBL1 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be

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taken to keep recombinant protein at a cool and stable temperature.

GENE INFORMATION

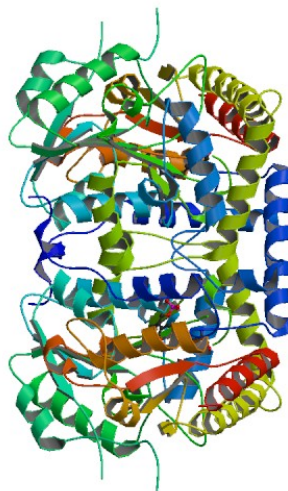
Gene Name	CCBL1 cysteine conjugate-beta lyase, cytoplasmic [Homo sapiens]
Synonyms	cysteine conjugate-beta lyase, cytoplasmic; GTK; KAT1; KATI; FLJ95217; MGC29624; CCBL1; kynurenine aminotransferase I; beta-lysase, kidney; glutamine transaminase K; kyneurenine aminotransferase; glutamine-phenylpyruvate aminotransferase; cysteine conjugate-beta lyase; cytoplasmic (glutamine transaminase K, kyneurenine aminotransferase); EC 2.6.1.7,EC 2.6.1.64,EC 4.4.1.13; Cysteine-S-conjugate beta-lyase; Glutamine transaminase K; Glutamine--phenylpyruvate transaminase; Kynurenine aminotransferase I; Kynurenine--oxoglutarate transaminase I; cysteine conjugate-beta lyase, cytoplasmic
Gene ID	883
mRNA Refseq	NM_001122671
Protein Refseq	NP_001116143
MIM	600547
UniProt ID	Q16773
Chromosome Location	9q34.11
Function	1-aminocyclopropane-1-carboxylate synthase activity; cysteine-S-conjugate beta-lyase activity; glutamine-phenylpyruvate transaminase activity; kynurenine-oxoglutarate transaminase activity; lyase activity; pyridoxal phosphate binding

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PDB rendering based
on 1w7l.



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