

Recombinant Full Length Human CCBL1 Protein, GST-tagged

Cat. No. CCBL1-2800HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCBL1 full-length ORF (AAH33685, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	374 amino acids
Description	This gene encodes a cytosolic enzyme that is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism can form reactive metabolites leading to nephrotoxicity and neurotoxicity. Increased levels of this enzyme have been linked to schizophrenia. Multiple transcript variants that encode different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	66.88 kDa
AA Sequence	MAKQLQARRLDGIDYNPWVEFVKLASEHDVVNLGQGFPDFPPPDFAVEAFQHAVS GDFMLNQYTKTFVIIIEPFFDCYEPMTMMAGGRP VFVSLKPGPIQNGELGSSSNWQL DPMELAGKFTSR TKALVLNTPNNPLGKVFSREELELVASLCQQHDVVCITDEVYQW MVYDGHQHISIASLPGMWERTLTIGSAGKTF SATGWKVGWVLGPDHIMKHLRTVHQ NSVFHCPTQSQA AVAESFEREQLLFRQPSSYFVQFPQAMQRCRDHMRSLQSVGL KPIIPQGSYFLITDISDFKRKMPDLP GAVDEPYDRRFVKWMIKNKGLVAIPVSIFYSV P HQKHFDHYIRFCFVKDEATLQAMDEKLRKWKVELWP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CCBL1 cysteine conjugate-beta lyase, cytoplasmic [Homo sapiens]
Official Symbol	CCBL1
Synonyms	CCBL1; cysteine conjugate-beta lyase, cytoplasmic; cysteine conjugate beta lyase; cytoplasmic (glutamine transaminase K, kyneurenine aminotransferase); kynurenine--oxoglutarate transaminase 1; glutamine transaminase K; GTK; KATI; kyneurenine aminotransferase; beta-lysase, kidney; kynurenine aminotransferase I; cysteine-S-conjugate beta-lyase; glutamine--phenylpyruvate transaminase; kynurenine--oxoglutarate transaminase I; glutamine-phenylpyruvate aminotransferase; cysteine conjugate-beta lyase; cytoplasmic (glutamine transaminase K, kyneurenine aminotransferase); KAT1; FLJ95217; MGC29624;
Gene ID	883
mRNA Refseq	NM_001122671
Protein Refseq	NP_001116143
MIM	600547

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UniProt ID

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