

Recombinant Human CCBL1 Protein, GST-Tagged

Cat. No. CCBL1-0492H **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	Wheat Germ
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	MAKQLQARRLDGIDYNPWVEFVKLASEHDVNLGQGFPDFPPPDFAVEAFQHAVS GDFMLNQYTKTFVIIIIEPFFDCYEPMTMMAGGRPVFVSLKPGPIQNGELGSSSNWQL DPMELAGKFTSRTKALVLNTPNPLGKVFSREELELVASLCQQHDVVCITDEVYQW MVYDGHQHISIASLPGMWERTLTIGSAGKTFSATGWKVGWVLGPDHIMKHLRTVHQ NSVFHCPTQSQAAVAESFEREQLLFRQPSSYFVQFPQAMQRCRDMIRSLQSVGL KPIIPQGSYFLITDISDFKRKMPDLPGAVDEPYDRRFVKWMIKNKGLVAIPVSIFYSP HQQHFDHYIRFCFVKDEATLQAMDEKLRKWKVELWP
Applications	Enzyme-linked Immunoabsorbent Assay

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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, kynurenine aminotransferase); kynurenine--oxoglutarate transaminase 1; glutamine transaminase K; GTK; KATI; kynurenine 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, kynurenine aminotransferase); KAT1; FLJ95217; MGC29624;

Gene ID 883

mRNA Refseq NM_001122671

Protein Refseq NP_001116143

MIM 600547

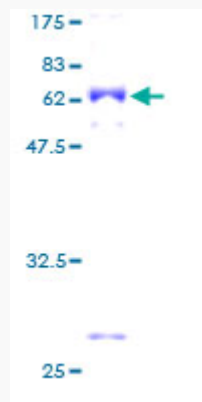
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UniProt ID Q16773

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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