

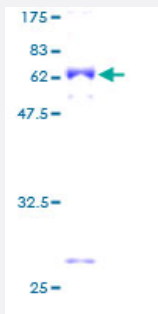
Full-Length

CCBL1 (Human) Recombinant Protein (P01)

Catalog # H00000883-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCBL1 full-length ORF (AAH33685, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAKQLQARRLDGIDYNPWVEFVKLASEHDVVNLGQGFPDFPPPDFAVEAFQHAVSGDFMLNQY
TKTFVIIIEPFFDCYEPMTMMAGGRP VFVSLKPGPIQNGELGSSSNWQLDPMELAGKFTSRTKALV
LNTPNPLGKVFSREELELVASLCQQHDVVCITDEVYQWMVYDGHQHISIASLPGMWERTLTIGSA
GKTFSATGWKVGWVLGPDHIMKHLRTVHQNSVFHCPTQSQAAVAESFEREQLLFRQPSSYFVQ
FPQAMQRCRDHMIRSLQSVGLKPIIPQGSYFLTIDISDFKRKMPDLP GAVDEPYDRRFVKWMIKNK
GLVAIPVSIFYSVPHQKHFDHYIRFCFVKDEATLQAMDEKLRKWKVELWP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.88

Interspecies Antigen Sequence

Mouse (71); Rat (72)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCBL1

Entrez GeneID[883](#)**GeneBank Accession#**[BC033685](#)**Protein Accession#**[AAH33685](#)**Gene Name**

CCBL1

Gene Alias

FLJ95217, GTK, KAT1, KATI, MGC29624

Gene Description

cysteine conjugate-beta lyase, cytoplasmic

Omim ID[600547](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000022311|beta-lysase, kidney|cysteine conjugate-beta lyase; cytoplasmic (glutamine transaminase K, kynurenine aminotransferase)|cytoplasmic cysteine conjugate-beta lyase|glutamine transaminase K|glutamine-phenylpyruvate aminotransferase|kynure