

Datasheet for ABIN2713271

CCBL1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	20 µg
Target:	CCBL1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CCBL1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD), Functional Studies (Func), Protein Interaction (PI)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none">• Recombinant human CCBL1 (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone• Tested for bioactivity.
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Biological Activity Comment:	The specific activity of KATI was determined by measuring the product Kynurenic acid formation from a conversion of Kynurenine. The reaction was carried out at 37° for 15min in the buffer containing 100 mM PBS, pH7.4, 2 mM α-oxoglutarate, 40µM PLP (pyridoxal 5'-phosphate), and 0.5 mM kynurenine as the substrate.

Target Details

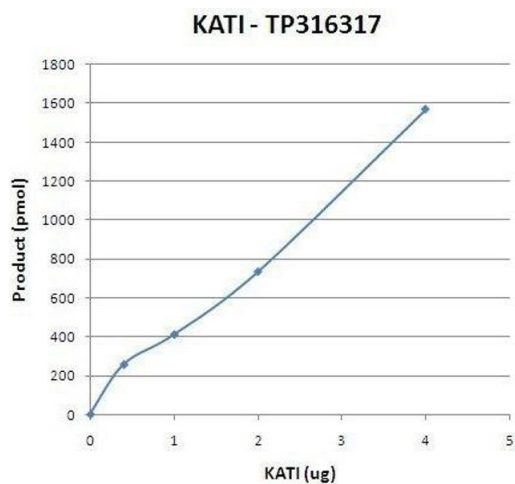
Target:	CCBL1
Alternative Name:	Ccbl1 (CCBL1 Products)
Background:	This gene encodes a cytosolic enzyme that is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism can form reactive metabolites leading to nephrotoxicity and neurotoxicity. Increased levels of this enzyme have been linked to schizophrenia. Multiple transcript variants that encode different isoforms have been identified for this gene.
Molecular Weight:	47.7 kDa
NCBI Accession:	NP_004050

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

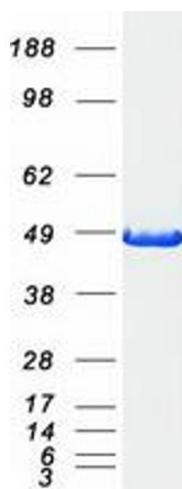
Handling

Concentration:	> 50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Activity Assay

Image 1. Bioactivity measured with Activity Assay



Western Blotting

Image 2. Validation with Western Blot