

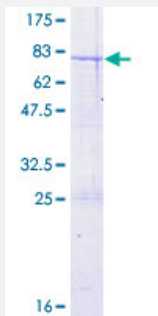
Full-Length

CCBL2 (Human) Recombinant Protein (P01)

Catalog # H00056267-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCBL2 full-length ORF (NP_001008661.1, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFLAQRSLCSLSGRAKFLKTISSSKILGFSTSAKMSLKFTNAKRIEGLDSNVWIEFTKLAADPSVVN
LGQGFDPDISPTYVKEELSKIAAIDSLNQYTRGFHPSLVKALSYLYEKLYQKQIDSNKEILVTGAY
GSLFNTIQALIDEGDEVILVPFYDCYEPMVRMAGATPVFIPLRSKPVYGKRWSSSDWTLPQELE
SKFNSKTKAIIINTPHNPLGKVYNREELQVIADLCIKYDTLCISDEVYEWLVYSGNKHLEKATFPGMW
ERTITIGSAGKTFSVTGWKLGWSIGPNHLIKHLQTVQQNTYTTCATPLQEALAQAFWIDIKRMDDPEC
YFNSLPKELEVKRDRMVRLLESVGLKPIVPDGGYFIADVSLDPLSDMKNNPEYDYKFKVWMT
KHKKLSAIPVSAFCNSETKSQFEKFRFCFIKKDSTLDAEEIIKAWSVQKS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.8

Interspecies Antigen Sequence

Mouse (85); Rat (81)

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 — CCBL2

Entrez GeneID	56267
GeneBank Accession#	NM_001008661.1
Protein Accession#	NP_001008661.1
Gene Name	CCBL2
Gene Alias	DKFZp547N1117, DKFZp667D0223, KAT3, MGC9398, RBM1, RBMXL1, RP4-531M19.2
Gene Description	cysteine conjugate-beta lyase 2
Omim ID	610656
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an aminotransferase that transaminates kynurenine to form kynurenic acid. Kynurenic acid is a metabolite of tryptophan. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene. This gene shares 5' exon structure with the RNA binding motif protein, X-linked-like 1 locus on chromosome 1, but the coding sequences are non-overlapping. [provided by RefSeq]
Other Designations	OTTHUMP00000012357 OTTHUMP00000012390 RNA binding motif protein, X-linked-like 1 kynurenine aminotransferase III

Disease

- [Tobacco Use Disorder](#)