

## Product datasheet for TP314155

### CCBL2 (KYAT3) (NM\_001008661) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cysteine conjugate-beta lyase 2 (CCBL2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214155 representing NM_001008661 Red=Cloning site Green=Tags(s)

MFLAQRSLCSLSGRAKFLKTISSSKILGFSTSAKMSLKFTNAKRIEGLDSNVWIEFTKLAADPSVNLGQ  
GFPDISPPTYVKEELSKIAAIDSLNQYTRGFGHPSLVKALSYLEKLYQKQIDSNKEILVTVGAYGSLFN  
TIQALIDEGDEVILVFPYDCYEPMVRMAGATPVFIPLRSKPVYGKRWSSDWTLDPQELESKFNSKTKA  
IILNTPHNPLGKVYNREELQVIADLCIKYDTLCISDEVYEWLVYSGNKHLKIATFPGMWERTITIGSAGK  
TFSVTGWKLGWSIGPNHLIKHLQTVQQNTIYTCATPLQEALAQAFWIDIKRMDDPECYFNSLPKELEVKR  
DRMVRLLESVGLKPIVPDGGYFIIADVSLDLPDLSDMKNNPEYDYKFVKWMTKHKKLSAIPVSAFCNSET  
KSQFEK FVRF CFIKK DSTLDAAEEI IKAWSVQKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	51.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_001008661](#)

Locus ID: 56267

UniProt ID: [Q6YP21](#), [B4DW13](#)

RefSeq Size: 2038

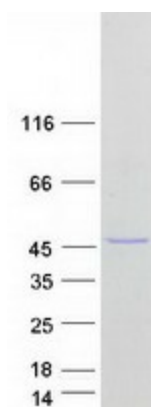
Cytogenetics: 1p22.2

RefSeq ORF: 1362

Synonyms: CCBL2; KAT3; KATIII

**Summary:** This gene encodes an aminotransferase that transaminates kynurenine to form kynurenic acid, which 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, Mar 2017]

### Product images:



Coomassie blue staining of purified KYAT3 protein (Cat# TP314155). The protein was produced from HEK293T cells transfected with KYAT3 cDNA clone (Cat# [RC214155]) using MegaTran 2.0 (Cat# [TT210002]).