

Product datasheet for TP317351

CCBL2 (KYAT3) (NM_001008662) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human cysteine conjugate-beta lyase 2 (CCBL2), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC217351 representing NM_001008662 Red=Cloning site Green=Tags(s) |

MSLKFTNAKRIEGLDSNWWIEFTKLAADPSVNLGQGFPDISPPTYVKEELSKIAAIDSLNQYTRGFGHP
SLVKALSYLEKLYQKQIDSNKEILVTVGAYGSLFNTIQALIDEGDEVILIVPFYDCYEPMVRMAGATPV
FIPLRSKPVYGKRWSSSDWTLDPQELESKFNSKTKAILNTPHNPLGKVVNREELQVIADLCIKYDTLCI
SDEVYEWLVYSGNKHLKIATFPGMWERTITIGSAGKTFSVTGWKLGWSIGNHLIKHLQTVQQNTIYTCA
TPLQEALAQAFWIDIKRMDDPECYFNSLPKELEVKRDRMVRLLLESVGLKPIVPDGGYFIADVSLDPDL
SDMKNNPEYDYKFKWMTKHKKLSAIPVSAFCNSETKSQFEKFRFCFIKKDSTLDAEEIIKAWSVQKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 47.6 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. |
| RefSeq: | <u>NP_001008662</u> |

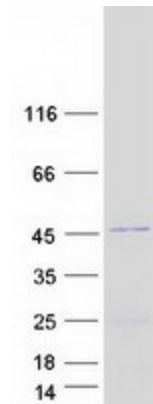


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Locus ID: 56267
UniProt ID: [Q6YP21](#)
RefSeq Size: 1938
Cytogenetics: 1p22.2
RefSeq ORF: 1260
Synonyms: CCBL2; KAT3; KATIII

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# TP317351). The protein was produced from HEK293T cells transfected with KYAT3 cDNA clone (Cat# [RC217351]) using MegaTran 2.0 (Cat# [TT210002]).