



Recombinant Human Kynurenine--oxoglutarate transaminase 3 (CCBL2)

Product Code	CSB-EP740996HU-B
Abbreviation	CCBL2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6YP21
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MFLAQRSLCS LSGRAKFLKT ISSKILGFS TSAKMSLKFT NAKRIEGLDS NVWIEFTKLA ADPSVVNLGQ GFPDISPPTY VKEELSKIAA IDSLNQYTRG FGHPSLVKAL SYLYEKLYQK QIDSNKEILV TVGAYGSLFN TIQALIDEGD EVILIVPFYD CYEPMVRMAG ATPVFIPLRS KPVYGKRWSS SDWTLDPQEL ESKFNSKTKA IILNTPHNPL GKVYNREELQ VIADLCIKYD TLCISDEVYE WLVYSGNKHL KIATFPGMWE RTITIGSAGK TFSVTGWKLG WSIGPNHLIK HLQTVQQNTI YTCATPLQEA LAQAFWIDIK RMDDPECYFN SLPKELEVKR DRMVRLLSV GLKPIVPDGG YFIIADVSLD DPDLSDMKNN EPYDYKFVKW MTKHKKLSAI PVSAFCNSET KSQFEKVFVR CFIKKDSTLD AAEEIKAWS VQKS
Source	E.coli
Target Names	KYAT3
Protein Names	Recommended name: Kynurenine--oxoglutarate transaminase 3 EC= 2.6.1.7 Alternative name(s): Cysteine-S-conjugate beta-lyase 2 EC= 4.4.1.13 Kynurenine aminotransferase III Short name= KATIII Kynurenine--glyoxylat
Expression Region	1-454
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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