

Recombinant Human KYAT3 Protein, GST-Tagged

Cat. No. KYAT3-0494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCBL2 full-length ORF (NP_001008661.1, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	77.8 kDa
AA Sequence	MFLAQRSLCSLSGRAKFLKTISSSKILGFSTSAKMSLKFTNAKRIEGLDSNVWIEFTKL AADPSVVNLGQGFPDISPPTYVKEELSKIAAIDSLNQYTRGFGHPSLVKALSYLYEKL YQKQIDSNKEILVTVGAYGSLFNTIQALIDEGDEVILIVPFYDCYEPVMVRMAGATPVFI PLRSKPVYGKRWSSSDWTLPQELESKFNSKTKAIIINTPHNPLGKVYNREELQVIA DLCIKYDTLCISDEVYEWLVYSGNKHCLKIATFPGMWERTITIGSAGKTFSVTGWKLG WSIGPNHLIKHLQTVQQNTIYTCATPLQEALAQAFWIDIKRMDDPECYFNSLPKELEV KRDRMVRLLSVGLKPIVPDGGYFIADVSLDPDLSDMKNNPEPYDYKFVKWMTKHK KLSAIPVSAFCNSETKSQFEKFVRFCFIKKDSTLDAAEEIIKAWSVQKS

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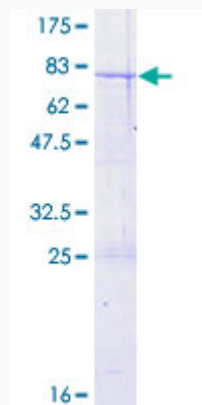
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	KYAT3 kynurenine aminotransferase 3 [Homo sapiens (human)]
Official Symbol	KYAT3
Synonyms	KYAT3; kynurenine aminotransferase 3; KAT3; KATIII; RP11-82K18.3; RP4-531M19.2; Kynurenine Aminotransferase 3; Kynurenine--Oxoglutarate Transaminase III; Kynurenine--Oxoglutarate Transaminase 3; Kynurenine--Glyoxylate Transaminase; Cysteine-S-Conjugate Beta-Lyase 2; Kynurenine Aminotransferase III; CCBL2; Cysteine Conjugate Beta Lyase
Gene ID	56267
mRNA Refseq	NM_001008662
Protein Refseq	NP_001008662
MIM	610656
UniProt ID	Q6YP21

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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