

Recombinant Full Length Human KYAT3 Protein, GST-tagged

Cat. No. KYAT3-2801HF **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	In Vitro Cell Free System
ProteinLength	454 amino acids
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 YQKQIDSNKEILVTVGAYGSLFNTIQALIDEGDEVILIVPFYDCYEPMVRMAGATPVFI PLRSKPVYGKRWSSSDWTLDPQELESKFNSKTKAAILNTPHNPLGKVYNREELQVIA DLCIKYDTLCISDEVYEWLVYSGNKHCLKIATFPGMWERTITIGSAGKTFSVTGWKLG WSIGPNHLIKHLQTVQQNTIYTCATPLQEALAQAFWIDIKRMDDPECYFNSLPKELEV KRDRMVRLLLESVGLKPIVPDGGYFIADVSLDLPDLSDMKNNEPYDYKFVKWMTKHK

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KLSAIPVSAFCNSETKSQFEKFVRFCFIKKDSTLDAAEEIIKAWSVQKS

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

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UniProt ID

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