

Product datasheet for PH317351

CCBL2 (KYAT3) (NM_001008662) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCBL2 MS Standard C13 and N15-labeled recombinant protein (NP_001008662)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217351
Predicted MW:	47.6 kDa
Protein Sequence:	>RC217351 representing NM_001008662 Red=Cloning site Green=Tags(s)

MSLKFTNAKRIEGLDSNVWIEFTKLAADPSVVNLGQGFDPISPPTYVKEELSKIAAIDSLNQYTRFGHP
SLVKALSYLEKLYQKQIDSNKEILVTVGAYGSLFNTIQALIDEGDEVILIVPFYDCYEPVMRMAGATPV
FIPLRSKPVYGKRWSSSDWTLDPQELESKFNSKTKAIIILNTPHNPLGKVYNREELQVIADLCIKYDTLCI
SDEVYEWLVYSGNKHLKIATFPGMWERTITIGSAGKTFSVTGWKLGWSIGPNHLIKHLQTVQQNTIYTCA
TPLQEALAQAFWIDIKRMDPECFNSLPKELEVKRDRMRLLESVGLKPIVPDGGYFIIADVSLDLPDL
SDMKNNPEPYDYKFVKWMTKHKLSAIPVS AFCNSETKSQFEK FVRFCFIKKDSTLDA AEEI IKAWSVQKS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001008662</u>
RefSeq Size:	1938
RefSeq ORF:	1260
Synonyms:	CCBL2; KAT3; KATIII
Locus ID:	56267



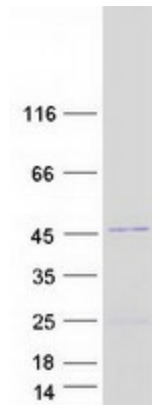
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UniProt ID: [Q6YP21](#)

Cytogenetics: 1p22.2

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]).