

Product datasheet for PH314155

CCBL2 (KYAT3) (NM_001008661) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | CCBL2 MS Standard C13 and N15-labeled recombinant protein (NP_001008661) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC214155 |
| Predicted MW: | 51.2 kDa |
| Protein Sequence: | >RC214155 representing NM_001008661 Red=Cloning site Green=Tags(s) |
| | MFLAQRSLCSLSGRAKFLKTISSSKILGFSTSAKMSLKFTNAKRIEGLDSNVWIEFTKLAADPSVVNLGQ GFPDISPPTYVKEELSKIAAIDSLNQYTRFGHPSLVKALSYLEKLYQKQIDSNKEILVTVGAYGSLFN TIQALIDEGDEVILIVPFYDCYEPVMRAGATPVFIPLRSKPVYGKRWSSSDWTLPQELESKFNSKTKA IILNTPHNPLGKYVYVREELQVIADLCIKYDTLCISDEVYEWLVYSGNKHLKIATFPGMWERTITIGSAGK TFSVTGWKLGWSIGPNHLIKHLQTVQQNTIYTCATPLQEALAQAFWIDIKRMDDEPCYFNSLPKELEVKR DRMVRLLESVGLKPIVPDGGYFIIADVSLLDPLSDMKNNPEYDYKFKVWMTKHKKLSAIPVSAFCNSET KSQFEKVRFCFIKKDSTLDAEEI 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: | NP_001008661 |
| RefSeq Size: | 2038 |
| RefSeq ORF: | 1362 |
| Synonyms: | CCBL2; KAT3; KATIII |



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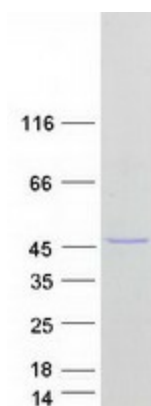
Locus ID: 56267

UniProt ID: [Q6YP21](#), [B4DW13](#)

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# [TP314155]). The protein was produced from HEK293T cells transfected with KYAT3 cDNA clone (Cat# [RC214155]) using MegaTran 2.0 (Cat# [TT210002]).