

Product datasheet for PH311536

OriGene Technologies, Inc.

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CABP4 (NM 145200) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: CABP4 MS Standard C13 and N15-labeled recombinant protein (NP 660201)

Species: Human **HEK293 Expression Host:**

Expression cDNA Clone

RC211536

or AA Sequence:

Predicted MW: 30.3 kDa

>RC211536 representing NM_145200 **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MTTEQARGQQGPNLAIGRQKPPAGVVTPKSDAEEPPLTRKRSKKERGLRGSRKRTGSSGEQTGPEAPGSS NNPPSTGEGPAGAPPASPGPASSRQSHRHRPDSLHDAAQRTYGPLLNRVFGKDRELGPEELDELQAAFEE FDTDRDGYISHRELGDCMRTLGYMPTEMELLEVSQHIKMRMGGRVDFEEFVELIGPKLREETAHMLGVRE LRIAFREFDRDRDGRITVAELREAVPALLGEPLAGPELDEMLREVDLNGDGTVDFDEFVMMLSRH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-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 660201

RefSeq Size: 1466

RefSeq ORF: 825

Synonyms: CRSD; CSNB2B

Locus ID: 57010 UniProt ID: P57796





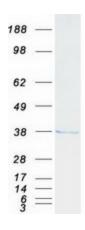
Cytogenetics:

11q13.2

Summary:

This gene encodes a member of the CABP family of calcium binding protein characterized by four EF-hand motifs. Mutations in this gene are associated with congenital stationary night blindness type 2B. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Product images:



Coomassie blue staining of purified CABP4 protein (Cat# [TP311536]). The protein was produced from HEK293T cells transfected with CABP4 cDNA clone (Cat# [RC211536]) using MegaTran 2.0 (Cat# [TT210002]).