

## Product datasheet for PH311536

### 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   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC211536  |
| Predicted MW:                         | 30.3 kDa  |
| Protein Sequence:                     | >RC211536 representing NM_145200<br>Red=Cloning site Green=Tags(s)<br><br>MTTEQARGQQGNLAIGRQKPPAGVVTPKSDAEEPPLTRKRSKKERGLRGSRKRTGSSGEQTGPEAPGSS<br>NNPSTGEGPAGAPPASPGPASSRQSHRHRPDSLHDAAQRTYGPLLNRFVFGKDRELGPELDELQAAFEE<br>FDTRDGYISHRELGDCMRTLGYMPTMELLEVSQHIKMRMGGRVDFEEFVELIGPKLREETAHMLGVRE<br>LRIAFREFDRDRDGRITVAELREAVPALLGEPLAGPELDEMLREVDLNGDGTVDVDFEVMMLSRH<br><br>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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:                               | <a href="#">NP_660201</a>   |
| RefSeq Size:                          | 1466  |
| RefSeq ORF:                           | 825   |
| Synonyms:                             | CRSD; CSNB2B  |
| Locus ID:                             | 57010   |
| UniProt ID:                           | <a href="#">P57796</a>  |



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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]).