

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag                          | <b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806<br>C-Flag Tag                                                                                                                                                                                                                          |
| Target                       | CACB2                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms                     | CAB2, CACNLB2, CAVB2, MYSB                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description                  | Human CACB2 full length protein-synthetic nanodisc                                                                                                                                                                                                                                                                                                                                                                                                      |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Uniprot ID                   | Q08289                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protein Families             | Ion Channels: Other                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Molecular Weight             | The human full length CACB2 protein has a MW of 73.6kDa                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                        |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                     |
| Background                   | This gene encodes a subunit of a voltage-dependent calcium channel protein that is a member of the voltage-gated calcium channel superfamily. The gene product was originally identified as an antigen target in Lambert-Eaton myasthenic syndrome, an autoimmune disorder. Mutations in this gene are associated with Brugada syndrome. Alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Feb 2013] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                            |

