

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Tag                          | C-Flag&Strep Tag  |
| Target                       | CACB2   |
| Synonyms                     | CAB2, CACNLB2, CAVB2, MYSB  |
| Description                  | Human CACB2-Strep 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-Strep protein has a MW of 73.6 kDa  |
| 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  |

