

## Recombinant Mouse Cacnb3 Protein, MYC/DDK-tagged

Cat. No. Cacnb3-737M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse calcium channel, voltage-dependent, beta 3 subunit (Cacnb3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                  |
| <b>Description</b>      | Broad expression in frontal lobe adult (RPKM 57.2), CNS E18 (RPKM 51.8) and 22 other tissues.                                                                           |
| <b>Molecular Mass</b>   | 54.8 kDa                                                                                                                                                                |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                              |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                        |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                   |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Cacnb3 calcium channel, voltage-dependent, beta 3 subunit [ Mus musculus (house mouse) ]                                                                                                              |
| <b>Official Symbol</b> | <a href="#">Cacnb3</a>                                                                                                                                                                                |
| <b>Synonyms</b>        | Cacnb3; calcium channel, voltage-dependent, beta 3 subunit; CAB3; Beta3; Cchb3; Ca(v)beta3; voltage-dependent L-type calcium channel subunit beta-3; calcium channel voltage-dependent subunit beta 3 |
| <b>Gene ID</b>         | <a href="#">12297</a>                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_001044741</a>                                                                                                                                                                          |
| <b>Protein Refseq</b>  | <a href="#">NP_001038206</a>                                                                                                                                                                          |
| <b>UniProt ID</b>      | <a href="#">D3Z3Z3</a>                                                                                                                                                                                |

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