

Recombinant Full Length Human CACNB3 Protein, GST-tagged

Cat. No. CACNB3-2989HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human CACNB3 full-length ORF (NP_000716.2, 1 a.a. - 484 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 484 amino acids |
| Description | This gene encodes a regulatory beta subunit of the voltage-dependent calcium channel. Beta subunits are composed of five domains, which contribute to the regulation of surface expression and gating of calcium channels and may also play a role in the regulation of transcription factors and calcium transport. [provided by RefSeq, Oct 2011] |
| Molecular Mass | 80.9 kDa |
| AA Sequence | <p>MYDDSYVPGFEDSEAGSADSYTSRPSLSDVSLEEDRESARREVESQAQQQLERA KHKPVAFVAVRTNVSYCGVLDEECPVQGSGVNF EAKDFLHIKEKYSNDWWIGRLVKE GGDI AFIPSPQRLESIRLKQE QKARRSGNPSSLS DIGNRRSPPPSLAKQKQKQAEHV PPYDVVPSMRPVVLVGPLSLKGYEVT DMMQKALFDLKH RFDGRISITRVTADLSLAK RSVLNNPGKRTI IERSSARSSIAEVQSEIERIFELAKSLQLVVL DADTINHPAQLAKTSL APIIVFVKVSSPKVLQRLIRSRGKSQMKHLTVQMMAYDKLVQC PPESFDVILDENQLE DACEHLAEYLEVYWRATHHPAPGPGLLGPPSAIPGLQNQQLLGERGEEHSPLE RDS</p> |

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LMPSEASESSRQAWTGSSQRSSRHLEEDYADAYQDLYQPHRQHTSGLPSANGH
DPQDRLLAQDSEHNHSDRNWQRNRPWPKDSY

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|-----------------------|---|
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | CACNB3 calcium channel, voltage-dependent, beta 3 subunit [Homo sapiens] |
| Official Symbol | CACNB3 |
| Synonyms | CACNB3; calcium channel, voltage-dependent, beta 3 subunit; CACNLB3; voltage-dependent L-type calcium channel subunit beta-3; CAB3; FLJ58949; |
| Gene ID | 784 |
| mRNA Refseq | NM_000725 |
| Protein Refseq | NP_000716 |
| MIM | 601958 |

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UniProt ID

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