

Recombinant Full Length Human CACNB3 Protein, GST-tagged

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

SPECIFICATION

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	MYDDSYVPGFEDSEAGSADSYTSRPSLSDVSLEEDRESARREVESQAQQQLERA KHKPVAFVVRTNVSYCGVLDEECPVQGSGVNFEAKDFLHIKEKYSNDWWIGRLVKE GGDIAFIPSPQRLESIRLKQEQKARRSGNPSSLSIDIGNRRSPPPSLAKQKQKQAEHV PPYDVVPSMRPVVLVGPSLKGYEVTDMMQKALFDLKHFRDGRISITRVTADLSLAK RSVLNNPGKRTIERSARSSIAEVQSEIERIFELAKSLQLVVLADDTINHPAQLAKTSL APIIVFVKVSSPKVLQRLIRSRGKSQMKHLTVQMMAYDKLVQCPPESEFDVILDENQLE DACEHLAEYLEVYWRATHHPAPGPGLLGPPSAIPGLQNQQLLGERGEEHSPLEKDS

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	LMPSDEASESSRQAWTGSSQRSSRHLEEDYADAYQDLYQPHRQHTSGLPSANGH DPQDRLLAQDSEHNHSDRNWQRNRPWPKDSY
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

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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