

## Recombinant Human CACNB3 Protein, GST-Tagged

Cat. No. CACNB3-0273H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CACNB3 full-length ORF (NP_000716.2, 1 a.a. - 484 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	80.9 kDa
<b>AA Sequence</b>	<p>MYDDSYVPGFEDSEAGSADSYTSRPSLSDVSLEEDRESARREVESQAQQQLERA            KHKPVAVAVRTNVSYCGVLDEECPVQSGVNFCAKDFLHIKEKYSNDWWIGRLVKE            GGDIAFIPSPQRLESIRLKQEQKARRSGNPSSLSDIGNRRSPPPSLAKQKQKQAEHV            PPYDVVPSMRPVVLVGPSLKGVEVTMMQKALFDLKHFRFDGRISITRVTADLSLAK            RSVLNNPGKRTIIRSSARSSIAEVQSEIERIFELAKSLQLVLDADTINHPAQLAKTSL            APIIVFVKVSSPKVLQRLIRSRGKSQMKHLTVQMMAYDKLVQCPPESEFDVILDENQLE            DACEHLAEYLEVYWRATHHPAPGPGLLGPPSAIPGLQNQQLLGERGEEHSPLERDS            LMPSEASESSRQAWTGSSQRSSRHLEEDYADAYQDLYQPHRQHTSGLPSANGH            DPQDRLLAQDSEHNHSDRNWQRNRPWPKDSY</p>

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

## GENE INFORMATION

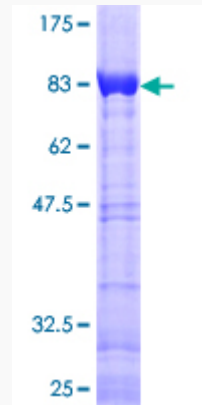
<b>Gene Name</b>	CACNB3 calcium channel, voltage-dependent, beta 3 subunit [ Homo sapiens ]
<b>Official Symbol</b>	CACNB3
<b>Synonyms</b>	CACNB3; calcium channel, voltage-dependent, beta 3 subunit; CACNLB3; voltage-dependent L-type calcium channel subunit beta-3; CAB3; FLJ58949;
<b>Gene ID</b>	784
<b>mRNA Refseq</b>	NM_000725
<b>Protein Refseq</b>	NP_000716
<b>MIM</b>	601958
<b>UniProt ID</b>	P54284

 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

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 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