

# Recombinant Full Length Human CACNB2 Protein, His-tagged

Cat. No. CACNB2-13HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human CACNB2 Protein, His-tagged, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Tag</b>	N-His
<b>Molecular Mass</b>	68 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<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°C.

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**Concentration** >0.05 µg/µL as determined by microplate BCA method

**Storage Buffer** 50 mM Tris-HCl, pH 8.0, 8 M urea

## GENE INFORMATION

**Gene Name** CACNB2 calcium voltage-gated channel auxiliary subunit beta 2 [ Homo sapiens (human) ]

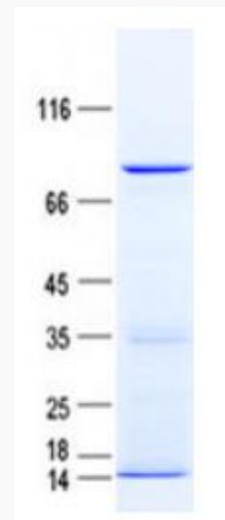
**Official Symbol** CACNB2

**Synonyms** CAB2,MYSB,CAVB2,CACNLB2,CACNB2

**Gene ID** 783

**MIM** 600003

**UniProt ID** Q08289



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