

Recombinant Human CACNB2 Protein, His-tagged

Cat. No. CACNB2-332H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CACNB2, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	68 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CACNB2 calcium channel, voltage-dependent, beta 2 subunit [Homo sapiens]
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Official Symbol	CACNB2
Synonyms	CACNB2; calcium channel, voltage-dependent, beta 2 subunit; CACNLB2, MYSB; voltage-dependent L-type calcium channel subunit beta-2; CAB2; lambert-Eaton myasthenic syndrome antigen B; myasthenic (Lambert-Eaton) syndrome antigen B; calcium channel voltage-dependent subunit beta 2; MYSB; CAVB2; CACNLB2; FLJ23743;
Gene ID	783
mRNA Refseq	NM_000724
Protein Refseq	NP_000715
MIM	600003
UniProt ID	Q08289

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