Recombinant Human CACNB2 Protein, GST-Tagged

Cat. No. CACNB2-0272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CACNB2 partial ORF (NP_963890, 213 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2013]
Molecular Mass	35.53 kDa
AA Sequence	PSSRKSTPPSSAIDIDATGLDAEENDIPANHRSPKPSANSVTSPHSKEKRMPFFKKTE HTPPYDVVPSMRPVVLVGPSLKGYEVTDMMQ
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.

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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	CACNB2 calcium channel, voltage-dependent, beta 2 subunit [Homo sapiens]
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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