

Recombinant Human CACNB1 Protein, MYC/DDK-tagged

Cat. No. CACNB1-2262H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CACNB1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.5 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 CACNB1 calcium channel, voltage-dependent, beta 1 subunit [Homo sapiens]

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Official Symbol	CACNB1
Synonyms	CAB1; CACNLB1; CCHLB1
Gene ID	782
mRNA Refseq	NM_000723
Protein Refseq	NP_000714
MIM	114207
UniProt ID	Q02641

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