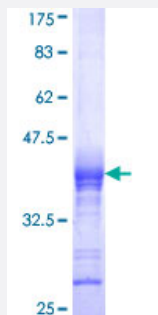


CACNB2 (Human) Recombinant Protein (Q01)

Catalog # H00000783-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CACNB2 partial ORF (NP_963890, 213 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PSSRKSTPPSSAIDIDATGLDAEENDIPANHRSPKPSANSVTSPHSKEKRMPPFFKKTEHTPPYDV VPSMRPVVLVGPSLKGYEVTDMMQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CACNB2

Entrez GeneID	783
GeneBank Accession#	NM_201596
Protein Accession#	NP_963890
Gene Name	CACNB2
Gene Alias	CACNLB2, CAVB2, FLJ23743, MYSB
Gene Description	calcium channel, voltage-dependent, beta 2 subunit
Omim ID	600003
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	OTTHUMP00000019254 OTTHUMP00000019255 OTTHUMP00000019256 OTTHUMP00000196786 myasthenic (Lambert-Eaton) syndrome antigen B

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Migraine without Aura](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)