Datasheet for ABIN7583713

CACNB1 Protein (AA 1-597) (His tag)

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Overview

Quantity:	100 µg
Target:	CACNB1
Protein Characteristics:	AA 1-597
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACNB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVQKSGMSRG PYPPSQEIPM EVFDPSPQGK YSKRKGRFKR SDGSTSSDTT SNSFVRQGSA ESYTSRPSDS DVSLEEDREA LRKEAERQAL AQLEKAKTKP VAFAVRTNVG YNPSPGDEVP VQGVAITFEP KDFLHIKEKY NNDWWIGRLV KEGCEVGFIP SPVKLDSLRL LQEQTLRQNR LSSSKSGDNS SSSLGDVVTG TRRPTPPASA KQKQKSTEHV PPYDVVPSMR PIILVGPSLK GYEVTDMMQK ALFDFLKHRF DGRISITRVT ADISLAKRSV LNNPSKHIII ERSNTRSSLA EVQSEIERIF ELARTLQLVA LDADTINHPA QLSKTSLAPI IVYIKITSPK VLQRLIKSRG KSQSKHLNVQ IAASEKLAQC PPEMFDIILD ENQLEDACEH LAEYLEAYWK ATHPPSRTPP NPLLNRTMAT AALAVSPAPV SNLQGPYLVS GDQPLDRATG EHASVHEYPG ELGQPPGLYP SNHPPGRAGT LWALSRQDTF DADTPGSRNS VYTEPGDSCV DMETDPSEGP GPGDPAGGGT PPARQGSWEE EEDYEEEMTD NRNRGRNKAR YCAEGGGPVL GRNKNELEGW GQGVYIR
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CACNB1
Alternative Name:	Voltage-dependent L-type calcium channel subunit beta-1 (Cacnb1) (CACNB1 Products)
Background:	Recommended name: Voltage-dependent L-type calcium channel subunit beta-1. Short name= CAB1. Alternative name(s): Calcium channel voltage-dependent subunit beta 1
UniProt:	P54283

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.