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Datasheet for ABIN1640127 CACNB2 Protein (AA 1-655) (His tag)

Overview

Quantity:	1 mg
Target:	CACNB2
Protein Characteristics:	AA 1-655
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACNB2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVQSDTSKSP PIAAVAQESQ MELLESAAPA GALGAQSYGK GARRKNRFGK SDDSTSSDTT</p> <p>SNSFVRQGSA DSYTSRPSDS DVSLEEDREA VRREAERQAQ AQLEKAKTKP VAFAVRTNVR</p> <p>YSAAQEDDVP VPGMAISFEA KDFLHVKEKF NNDWWIGRLV KEGCEIGFIP SPVKLENMRL</p> <p>QHEQRAKQ GK FYSSKSGGNS SSSLGDIVPS SRKSTPPSSA IDIDATGLDA EENDIPANHR</p> <p>SPKPSANSVT SPHSKEKRMP FFKKTEHTPP YDVVPSMRPV VLVGPSLKG Y EVTDMMQKAL</p> <p>FDLKH RFEG RISITRV TAD ISLAKRSVLN NPSKHAIER SNTRSSLA EV QSEIERIFEL</p> <p>ARTLQLV VLD ADTINHPAQL SKTSLAPIIV YVKISSPKVL QRLIKSRGKS QAKHLNVQMV</p> <p>AADKLAQCPP QESFDVILDE NQLEDACEHL ADYLEAYWKA THPPSSNLPN PLLSRTLATS</p> <p>TLPLSPTLAS NSQGSQGDQR TDRSAPRSAS QAEEPCLEP VKKSQHRSSS ATHQNHRS GT</p> <p>GRGLSRQETF DSETQESRDS AYVEPKEDYS HEHVD RYVPH REHNHREESH SSNGHRHREP</p> <p>RHRTRDMGRD QDHNECSKQR SRHKS KDRYC DKEGEVISK RSEAGEWNRD VYIRQ</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	CACNB2
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Alternative Name:	Voltage-dependent L-type calcium channel subunit beta-2 (Cacnb2) (CACNB2 Products)
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Background:	Recommended name: Voltage-dependent L-type calcium channel subunit beta-2. Short name= CAB2. Alternative name(s): Calcium channel voltage-dependent subunit beta 2
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UniProt:	Q8VGC3
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Pathways:	Skeletal Muscle Fiber Development
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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 modified 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.
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Restrictions:	For Research Use only
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Handling

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

one week

Storage: -20 °C

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