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Datasheet for ABIN1047658

## CANT1 Protein (AA 80-397, partial) (GST tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	CANT1
Protein Characteristics:	AA 80-397, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CANT1 protein is labelled with GST tag.
Application:	ELISA

#### Product Details

Sequence:	<p>GQAPANWYND TYPLSPPQRT PAGIRYRIAV IADLDTESRA QEENTWFSYL KKGYLTLSDS GDKVAVEWDK DHGVLESHLA EKGRGMELSD LIVFNGKLYS VDDRTGVVYQ IEGSKAVPWV ILSDGDGTVE KGFKAEWLAV KDERLYVGGL GKEWTTTTGD VVNEPEWVK VVGKGSVDH ENWWSNYNAL RAAAGIQPPG YLIHESACWS DTLQRWFFLP RRASQERYSE KDDERKGANL LLSASPDFGD IAVSHVGAVV PTHGFSSFKF IPNTDDQIIV ALKSEEDSGR VASYIMAFTL DGRFLLPETK IGSVKYEG</p>
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.
Purity:	90 %

## Target Details

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Target:	CANT1
Alternative Name:	Soluble calcium-activated nucleotidase 1 protein ( <a href="#">CANT1 Products</a> )
Background:	Calcium-dependent nucleotidase with a preference for UDP. The order of activity with different substrates is UDP > GDP > UTP > GTP. Has very low activity towards ADP and even lower activity towards ATP. Does not hydrolyze AMP and GMP.
Molecular Weight:	62.7 kD
UniProt:	<a href="#">Q8WVQ1</a>

## Application Details

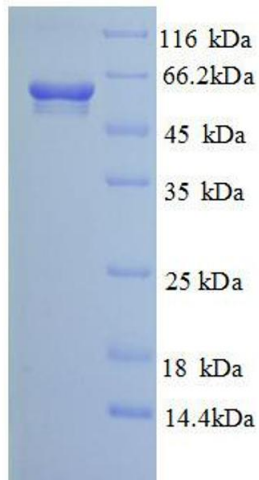
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Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. 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.
Restrictions:	For Research Use only

## Handling

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



#### SDS-PAGE

**Image 1.** Calcium Activated Nucleotidase 1 (CANT1) (AA 80-397), (partial) protein (GST tag)