Datasheet for ABIN1095818

Vinculin Protein (VCL) (AA 2-235, partial) (GST tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Vinculin (VCL)
Protein Characteristics:	AA 2-235, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vinculin protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	PVFHTRTIES ILEPVAQQIS HLVIMHEEGE VDGKAIPDLT APVAAVQAAV SNLVRVGKET VQTTEDQILK RDMPPAFIKV ENACTKLVQA AQMLQSDPYS VPARDYLIDG SRGILSGTSD LLLTFDEAEV RKIIRVCKGI LEYLTVAEVV ETMEDLVTYT KNLGPGMTKM AKMIDERQQE LTHQEHRVML VNSMNTVKEL LPVLISAMKI FVTTKNSKNQ GIEEALKNRN FTVE
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	Vinculin (VCL)
Alternative Name:	Vinculin protein (VCL Products)

Target Details

Background:	Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion.
Molecular Weight:	53.4 kD
UniProt:	P18206
Pathways:	Cell-Cell Junction Organization, Maintenance of Protein Location, Signaling Events mediated by VEGFR1 and VEGFR2

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

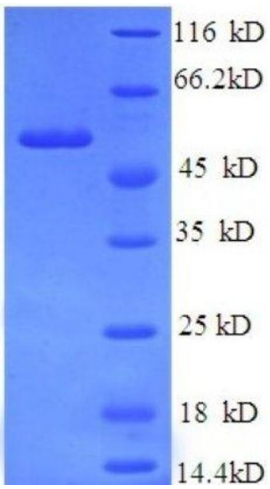

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Image 1. Vinculin (VCL) (AA 2-235), (partial) protein (GST tag)