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Datasheet for ABIN1614349 Recoverin Protein (RCVRN) (AA 2-202) (His tag)



Overview

Quantity:	1 mg
Target:	Recoverin (RCVRN)
Protein Characteristics:	AA 2-202
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Recoverin protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	GNSKSGALS KEILEELQLN TKFTEEELCS WYQSFLKECP SGRITKQEFQ SIYSKFFPEA
	DPKAYAQHVF RSFDANSDGT LDFKEYVIAL HMTSAGKTNQ KLEWAFSLYD VDGNGAISKS
	EVLEIVMAIF KMISPEDVKQ LPEDENTPEK RAEKIWGFFG KKDDDKLTEE EFIEGTLANK
	EILRLIQFEP RKVKEKLKEK KP
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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:	Recoverin (RCVRN)

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Target Details

Abstract:	RCVRN Products
Background:	Recommended name: Recoverin
UniProt:	Q8MIH6
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Phototransduction

Application Details

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.