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Datasheet for ABIN7479402

CD3G Protein (AA 23-113) (His tag)



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Quantity:	100 μg	
Target:	CD3G	
Protein Characteristics:	AA 23-113	
Origin:	Cynomolgus	
Source:	Yeast	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CD3G protein is labelled with His tag.	
Application:	ELISA	
Product Details		
Sequence:	QSFEENRK LNVYNQEDGS VLLTCHVKNT NITWFKEGKM IDILTAHKNK WNLGSNTKDP	
	RGVYQCKGSK DKSKTLQVYY RMCQNCIELN AAT	
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)	
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:	CD3G	
Alternative Name:	T-cell surface glycoprotein CD3 gamma chain (CD3G) (CD3G Products)	

Target Details

Background:	Recommended name: T-cell surface glycoprotein CD3 gamma chain. Alternative name(s): T-cell receptor T3 gamma chain CD_antigen= CD3g	
UniProt:	Q95L17	
Pathways:	TCR Signaling, CXCR4-mediated Signaling Events	

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.	