Datasheet for ABIN1621723

PRIM1 Protein (AA 1-452) (His tag)

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Overview

Quantity:	1 mg
Target:	PRIM1
Protein Characteristics:	AA 1-452
Origin:	Plasmodium falciparum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRIM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKMEIVGDIK DSIVNENDLI FYYRSLCPIN DLYNWLNYKN DIKGKYTKLN DPHFFSKREF SFTCKKSDQG KEEIYIRWLS FSNPEEFKNK LLSDLVPIKF DIGAIYNFPV SQKDQKGDIF LPVQKELIFD IDMNDYDDIR TCCTDKKVCK LCWKFLTVAI VLLDTALRED FSFEHILWVY SGRRGIHCWV ADESCRYYTT DARAALADYL NILSGSDTKK KKVSIWGKDK YPMFERAFDI CYKYFDVLME EQDFFKKGSP HVQKLIDYLP YASGKVTDPL KAMKLNELKE YINNNNFNSR EIFEKFSSIY NFLTPSNYFK RKNVSGNINM PSFVKEIVFH FTYPRLDINV SKEINHLLKS PFCIHNSTGR VCVPLDIKNI NNFNPQSVPT LKLLREQFDD PKNSHIEAEN RTSLKPYIDY FRRHFIENIL LSCVEKKKRL NENSKYVDYN NI
Specificity:	Plasmodium falciparum (isolate K1 / Thailand)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	PRIM1
Alternative Name:	DNA primase small subunit (PRIM1 Products)
Background:	Recommended name: DNA primase small subunit. EC= 2.7.7.-. Alternative name(s): DNA primase 53 kDa subunit
UniProt:	Q25998
Pathways:	Telomere Maintenance, Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, SARS-CoV-2 Protein Interactome

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

Handling

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

