Datasheet for ABIN7585670

PRIM2 Protein (AA 1-507) (His tag)

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Overview

Quantity:	100 µg
Target:	PRIM2
Protein Characteristics:	AA 1-507
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRIM2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MQFSGRTRKK LRLAGDQRNA CYPHSLQFYL QPPTENISLT EFESLAFDRV KLLKAIENLG VSYVKGTEQY QSKLEAEIRK LKFSYRENLE DEYEPRRRDH ISHFILRLAY CQSEDLRRWF IQQEMDLLRF RFSILPKDKV QSFLKDTHLH FEAISDEEKT LREQDIMASS PSLSGVRWES ESVYKVPFAD ALDLFRGRKV YLEDGFAYVP LKDIVAIILN EFRATLSKAL ALTARSLPAV QSDERLQPLL SHLSHSYTGQ DYSTQKSTGK ISLDQIDSLS TKSFPPCMRQ LHKALRENHH LRHGGRMQYG LFLKGIGLTL EQALQFWKQE FIKGKMDPDK FDKGYSYNIR HSFGKEGKRT DYTPFSCMKI ILTNPPSQGD FHGCPFRHSD AELLKQKMQT YKIPASGISQ ILDLVKGNHY QVACQKYFEM THNVDDCGFS LNHPNQFFFE SQRILTGGKD IKKEASHPET PQHKPSTQKT KDATSALASL DSSLEMDLEG LEDYFSK
Specificity:	Rattus norvegicus (Rat)
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:	PRIM2
Alternative Name:	DNA primase large subunit (Prim2) (PRIM2 Products)
Background:	Recommended name: DNA primase large subunit. EC= 2.7.7.-. Alternative name(s): DNA primase 58 kDa subunit. Short name= p58
UniProt:	O89044
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.