Datasheet for ABIN1668463

RFC1 Protein (AA 1-423) (His tag)

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Overview

Quantity:	1 mg
Target:	RFC1
Protein Characteristics:	AA 1-423
Origin:	Staphylothermus marinus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPRRIPWIIK YRPKKIADVV NQDSAKKQFI QWLESWLKGK PSKKAALLYG PAGCGKTSLV EAAANEYGLE IVEMNASDFR RRQDIERIAK TAAFMRSLFA RGKIILLDEV DGISGTADRG AIDAILHLLE ITRYPVVMTA NNPWDQKLKP LRDASLMIAF KRLSERDVII VLKRICQLEK LECEDAALRE IARRSEGDLR SAINDLQAIA EGFGRVTLNW VRELSAYRTR EYAPFEALQK MFNARYIFQA KSAISQANID YETMMIWINE HIPTYYDDPE EIWRAYEALS RADVYMGRIR KSGSWDLLSY VFDMMGPGVA FARKIYRYKW KAFRSPKRLQ LLAQTKRSRE VREGIAMTLA PRLLTSRATI KRDVIPFLKI IFTHAPKYAA KIALGYGLTE EMIKWLAGPK SSEVLAYYRR LKR
Specificity:	Staphylothermus marinus (strain ATCC 43588 / DSM 3639 / F1)
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:	RFC1
Alternative Name:	Replication factor C large subunit (rfcL) (RFC1 Products)
Background:	Recommended name: Replication factor C large subunit. Short name= RFC large subunit. Alternative name(s): Clamp loader large subunit
UniProt:	A3DNV8
Pathways:	Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA, Dicarboxylic Acid Transport

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.