

Datasheet for ABIN1510246

RFC4 Protein (AA 1-342) (His tag)



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Overview

Quantity:	1 mg
Target:	RFC4
Protein Characteristics:	AA 1-342
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFC4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSNAVSSSVF GEKNNSVAYE LPWVEKYRPI VLDDIVGNEE TIDRLKVIK EGNMPLHVIS</p> <p>GMPGIGKTTS ILCLAHALLG PAYKEGVLEL NASDERGIDV VRNRIKAFK KKVILPPGRH</p> <p>KIILDEADS MTAGAQQALR RTMEIYSNTT RFALACNQSN KIEPIQSRC AILRYSRLTD</p> <p>QQVLQRLNI CKAEKVNYTD DGLAALIMTA EGDMRQAVNN LQSTVAGFGL VNGENVFRVA</p> <p>DQPSPVAIHA MLTACQSGNI DVALEKLQGI WDLGFSAVDI VTNMFRVVKT MDSIPEFSRL</p> <p>EMLKEIGQTH MIILEGVQTL LQLSGLVCRL AKSQMKPESF II</p>
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	RFC4
Alternative Name:	Replication factor C subunit 4 (rfc4) (RFC4 Products)
Background:	Recommended name: Replication factor C subunit 4. Short name= Replication factor C4
UniProt:	O94449
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Synthesis of DNA

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 modified 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.