Datasheet for ABIN1459509

POLD3 Protein (AA 2-466) (His tag)

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Overview

Quantity:	1 mg
Target:	POLD3
Protein Characteristics:	AA 2-466
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLD3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ADQFYLENI DEFVTDQNKI VTYKWLSYTL GVHVNQAKQM LYDYVERKRK ENSGAQLHVT YLVSGSLIQN GHSCHKVAVV REDKLEAVKS KLAVTASVHV YSIQKAMLKD SGPLFNTDYD ILKSNLQNCS KFSAIQCAAA VPRAPAESSS SEKLEQSDPP VSPEMQASDE LTTNGHGPPV PKQSSQQPKG IMGMFASKAA SKAQDANKET KTEAKEVMNS EKNNENLLLS GYWESMIVLF QAQCINKLKV NLDSEQEVKE EKKVEQPPLS VTEPKLAAPV DLKKSSKKAE PVRMQQKEKK RRKQMELSDD ETKETENMKK KRRRIKLPES DSSEDEVIPD SPGAYEAESP SPPPPSPSPE PVLKTEPEPP PVKGSDGENK RKRKRVLKSK TFTDEEGCMV TEKVYESESC TDSEEELKMK TSSVHRPPAM AVKKEPKEER KGPKKGTAAM GKANRQVAIT GFFQRK
Specificity:	Bos taurus (Bovine)
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:	POLD3
Alternative Name:	DNA polymerase delta subunit 3 (POLD3) (POLD3 Products)
Background:	Recommended name: DNA polymerase delta subunit 3. Alternative name(s): DNA polymerase delta subunit p66 p68
UniProt:	P84798
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 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.