Datasheet for ABIN7585585

POLD2 Protein (AA 1-469) (His tag)

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Overview

Quantity:	100 µg
Target:	POLD2
Protein Characteristics:	AA 1-469
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MFSEQAAQRA HTLLSPPSAS NATFARVPVV TYTNSSQPFR LGERSFSRQY AHIYATRLIQ MRPFLVSRAQ QRWGSGVLVK KLCELQPGEK CCVVGTLFKA MPLQPSILRE VSEEHNLLPQ PPRSKYIHPD DELILEDELQ RIKLEGTIDV SKLVTGTVLA VLGSAGDDGK FLVEDHCFAG LAPQKPACPL DTDRFVLLVS GLGLGGGGGE SLLGTQLLVD VVTGQLGDEG EQCSAAHVSR VILAGNLLSH NTQSRDSINK AKYLTKKTQA ASVEAVKMLD EILLQLSASV PVDVMPGEFD PTNYTLPQQP LHPCMFPLAT AYSTLQLVTN PYQATIDGVR FLGTSGQNVS DIFRYSSMED HLEILEWTLQ VRHISPTAPD TLGCYPFYKT DPFIFPECPH VYFCGNTPSF GSKIIQGPED QTVLLVAVPD FSTTQTACLV NLRSLACQPI SFSGFGAEDE DLGGLGLGP
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:	POLD2
Alternative Name:	DNA polymerase delta subunit 2 (POLD2) (POLD2 Products)
Background:	Recommended name: DNA polymerase delta subunit 2. EC= 2.7.7.7. Alternative name(s): DNA polymerase delta subunit p50
UniProt:	P49004
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

Handling

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