Datasheet for ABIN7585583

POLA2 Protein (AA 1-600) (His tag)

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Overview

Quantity:	100 µg
Target:	POLA2
Protein Characteristics:	AA 1-600
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAVSTQQLAE ELQIFGLDCE DSLLEKLAEL CTLYRQTEER MVSELIAFCT SAGKSCLTGE ILSSFEHEVL NKKLSKACHS ASKDNRHAGA RDIVSIQELI EAEEEEETLL SAYTTPSKGP HKRVSSTPET PLTKRSISTR SPHQLLSPSS FSPSATPSQK YSSRTNRGEV VTTFGSAQGV SWSGRGGSGS ISLKVMGYPE PLTSSYKTMF QQLPDIREVL TCKIEELGSE LKEHYKIEAF TPLLVPAQEP VILLGQIGCD SNGRLNSKSV ILEGDREHSS GAQIPVDVSE LKDYSLFPGQ VVIMEGFNTT GRRLTATKLY EGVPLPFYQP TEEEGDFEQT MVLVACGPYT TSDSITYDPL LDLISTINHD RPDVCILFGP FLDAKHEQVE NCKLTSPFED IFKQCLRTVI EGTRSSGSHL VFVPSLRDVH HEPVYPQPPF TFSELPREDK KRVQFVSEPC NLSINGVMFG LTSTDLLFHI GAEEICSSSG TSDRFSRILK HILTQRSYYP LYPPHEDMAI DYENFYTYAQ LPVTPDVFIV PSELRYFVKD IFGCVCMNPG RLTKGQVGGT FGRLYLRRQP KGTDSEGRQG LSVAAQVVRI
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	POLA2
Alternative Name:	DNA polymerase alpha subunit B (Pola2) (POLA2 Products)
Background:	Recommended name: DNA polymerase alpha subunit B. Alternative name(s): DNA polymerase alpha 70 kDa subunit DNA polymerase subunit II
UniProt:	O89043
Pathways:	Telomere Maintenance, Mitotic G1-G1/S Phases, DNA Replication, Protein targeting to Nucleus, 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.