Datasheet for ABIN5711899

POLG2 Protein (AA 1-485, full length) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	POLG2
Protein Characteristics:	AA 1-485, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLG2 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MRSRVAVRAC HKVCRCLLSG FGGRVDAGQP ELLTERSSPK GGHVKSHAEL EGNGEHPEAP GSGEGSEALL EICQRRHFLS GSKQQLSRDS LLSGCHPGFG PLGVELRKNL AAEWWTSVVV FREQVFPVDA LHHKPGPLLP GDSAFRLVSA ETLREILQDK ELSKEQLVAF LENVLKTSGK LRENLLHGAL EHYVNCLDLV NKRLPYGLAQ IGVCFHPVFD TKQIRNGVKS IGEKTEASLV WFTPPRTSNQ WLDFWLRHRL QWWRKFAMSP SNFSSSDCQD EEGRKGNKLY YNFPWGKELI ETLWNLGDHE LLHMYPGNVS KLHGRDGRKN VVPCVLSVNG DLDRGMLAYL YDSFQLTENS FTRKKNLHRK VLKLHPCLAP IKVALDVGRG PTLELRQVCQ GLFNELLENG ISVWPAYLET MQSSLEQLYS KYDEMSILFT VLVTETTLEN GLIHLRSRDT TMKEMMHISK LKDFLIKYIS SAKNV
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	POLG2
Alternative Name:	DPOG2 (POLG2 Products)
Background:	Mitochondrial polymerase processivity subunit. Stimulates the polymerase and exonuclease activities, and increases the processivity of the enzyme. Binds to ss-DNA.
Molecular Weight:	70.89 kDa
UniProt:	Q9UHN1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images

SDS-PAGE

Image 1.

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