

Datasheet for ABIN7596403

KIAA0101 Protein (AA 1-111) (His tag)[Go to Product page](#)

Overview

Quantity:	500 µg
Target:	KIAA0101 (PAF)
Protein Characteristics:	AA 1-111
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIAA0101 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MVRTKAD SVPGTYRKVV AARAPRKVLG SSTSATNSTS VSSRKAENKY AGGNPVCVRP TPKWQKGIGE FFRLSPKDSE KENQIPEEAG SSGLGKAKRK ACPLQPDHTN DEKE
Purity:	> 90% by SDS-PAGE

Target Details

Target:	KIAA0101 (PAF)
Alternative Name:	KIAA0101/PCLAF (PAF Products)
Background:	KIAA0101 is a PCNA-binding protein that acts as a regulator of DNA repair during DNA replication. Following DNA damage, the interaction with PCNA is disrupted, facilitating the interaction between monoubiquitinated PCNA and the translesion DNA synthesis DNA polymerase eta (POLH) at stalled replisomes, facilitating the bypass of replication-fork-blocking

Target Details

	lesions. This protein also acts as a regulator of centrosome number. Recombinant human KIAA0101 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	14.4 kDa (134aa) confirmed by MALDI-TOF
NCBI Accession:	NP_055551
Pathways:	Chromatin Binding

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.