

Datasheet for ABIN7317700 **KIAA0101 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	KIAA0101 (PAF)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIAA0101 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human KIAA0101/p15/PAF Protein (His Tag)
Sequence:	Met 1-Glu 111
Characteristics:	A DNA sequence encoding the human PAF isoform 1 (NP_055551.1) (Met 1-Glu 111) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 97 % as determined by reducing SDS-PAGE.

Target Details

Target:	KIAA0101 (PAF)
Alternative Name:	KIAA0101/p15/PAF (PAF Products)
Background:	Background: KIAA0101, also known as p15(PAF), is a proliferating cell nuclear antigen-associated factor which interacts with proliferating cell nuclear antigen(PCNA). It was initially isolated in a yeast two-hybrid screen for PCNA binding partners, and was shown to bind PCNA competitively with the cell cycle regulator p21(WAF). KIAA0101 is localized primarily in the

Target Details

nucleus. It shares the conserved PCNA binding motif with several other PCNA binding proteins including CDK inhibitor p21 . KIAA0101 is involved in cell proliferation and plays a role in early tumor recurrence (ETR), and prognosis of hepatocellular carcinoma (HCC). KIAA0101 is expressed predominantly in liver, pancreas and placenta. It cannot be detected in heart or brain. It is highly expressed in a number of tumors, especially esophageal tumors, in anaplastic thyroid carcinomas and in non-small-cell lung cancer lines. Overexpression of KIAA0101 predicts high stage, early tumor recurrence, and poor prognosis of hepatocellular carcinoma. It also may be involved in protection of cells from UV-induced cell death.

Synonym: KIAA0101,L5,NS5ATP9,OEATC,OEATC-1,OEATC1,p15(PAF),p15/PAF,p15PAF,PAF,PAF15

Molecular Weight: 13.8 kDa

NCBI Accession: [NP_055551](#)

Pathways: [Chromatin Binding](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.5

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.