

Recombinant Human KIAA0101, His-tagged

Cat. No. KIAA0101-2304H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human KIAA0101 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	134aa
Description	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 lesions. This protein also acts as a regulator of centrosome number.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	14.4 kDa
AA Sequence	MGSSHHHHHH SSSLVPRGSH MGSMVRTKAD SVPGTYRKVV AARAPRKVLG SSTSATNSTS VSSRKAENKY AGGNPVCVRP TPKWQKGIGE FFRLSPKDSE KENQIPEEAG SSSLGKAKRK ACPLQPDHTN DEKE

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	KIAA0101 KIAA0101 [Homo sapiens]
Official Symbol	KIAA0101
Synonyms	KIAA0101; PCNA-associated factor; NS5ATP9; OEATC 1; p15(PAF); HCV NS5A-transactivated protein 9; hepatitis C virus NS5A-transactivated protein 9; overexpressed in anaplastic thyroid carcinoma 1; L5; PAF; OEATC; OEATC1; p15PAF; OEATC-1; p15/PAF; FLJ58702;
Gene ID	9768
mRNA Refseq	NM_001029989
Protein Refseq	NP_001025160
MIM	610696
UniProt ID	Q15004
Chromosome Location	15q22

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