Recombinant Human PCLAF Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PCLAF-2149H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIAA0101 MS Standard C13 and N15-labeled recombinant protein (NP_055551) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. Also acts as a regulator of centrosome number.
Molecular Mass	12 kDa
AA Sequence	MVRTKADSVPGTYRKVVAARAPRKVLGSSTSATNSTSVSSRKAENKYAGGNPVCV RPTPKWQKGIGEFFRLSPKDSEKENQIPEEAGSSGLGKAKRKACPLQPDHTNDEKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

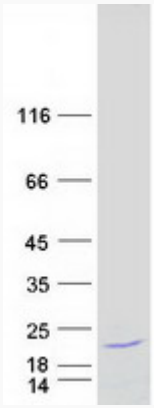
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PCLAF PCNA clamp associated factor [Homo sapiens (human)]
Official Symbol	PCLAF
Synonyms	PCLAF; PCNA clamp associated factor; L5; PAF; OEATC; PAF15; OEATC1; p15PAF; NS5ATP9; OEATC-1; p15/PAF; KIAA0101; p15(PAF); PCNA-associated factor; HCV NS5A-transactivated protein 9; PCNA-associated factor of 15 kDa; hepatitis C virus NS5A-transactivated protein 9; overexpressed in anaplastic thyroid carcinoma 1
Gene ID	9768
mRNA Refseq	NM_014736
Protein Refseq	NP_055551
MIM	610696
UniProt ID	Q15004

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SDS-PAGE	

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