

Recombinant Mouse Pclaf Protein, Myc/DDK-tagged

Cat. No. Pclaf-4713M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PCNA clamp associated factor (Pclaf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Pclaf PCNA clamp associated factor [Mus musculus (house mouse)]
Official Symbol	Pclaf
Synonyms	Pclaf; PCNA clamp associated factor; Paf; PAF15; p15(P; Ns5apt9; Ns5atp9; AA409629; p15(PAF); mKIAA0101; 2810417H13Rik; PCNA-associated factor; HCV NS5A-transactivated protein 9 homolog; PCNA-associated factor of 15 kDa; p15PAF
Gene ID	68026
mRNA Refseq	NM_026515
Protein Refseq	NP_080791
UniProt ID	Q9CQX4

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