

Recombinant Human PCNA-associated factor(PCLAF)

Catalog No: #AP70469

Package Size: #AP70469-1 20ug #AP70469-2 100ug #AP70469-3 1mg

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Description

Product Name	Recombinant Human PCNA-associated factor(PCLAF)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-111aaSequence Info:Full Length
Other Names	Hepatitis C virus NS5A-transactivated protein 9 ;HCV NS5A-transactivated protein 9Overexpressed in anaplastic thyroid carcinoma 1 ;OEATC-1;PCNA-associated factor of 15KDA ;PAF15 ;p15PAF
Accession No.	Q15004
Calculated MW	39 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MVRTKADSVPGTYRKVVAARAPRKVLGSSTSATNSTSVSSRKAENKYAGGNPVCVRPTPKWQKGIGIEFFRLS PKDSEKENQIP EEAGSSGLGKAKRKACPLQPDHTNDEKE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

KIAA0101 is overexpressed, and promotes growth and invasion in adrenal cancer.Jain M., Zhang L., Patterson E.E., Kebebew E.PLoS ONE 6:E26866-E26866(2011)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.