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Product datasheet for TP500414

Pclaf (NM_026515) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PCNA clamp associated factor (Pclaf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200414 protein sequence Red=Cloning site Green=Tags(s) MVRTKANYVPGAYRKAVASQAPRKVLGSSTFVTNSSSSSRKAENKYAGGNPVCVRPTPKWQKGIGEFFRL SPKESKKENQAPEEAGTSGLGKAKRKACPLQPDHRDDENE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080791
Locus ID:	68026
UniProt ID:	Q9CQX4
RefSeq Size:	2387
Cytogenetics:	9 C
RefSeq ORF:	333

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Synonyms: 2810417H13Rik; AA409629; mKIAA0101; Ns5apt9; Ns5atp9; p15(PAF); Paf; PAF15

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]