

Product datasheet for **AR51128PU-S**

PAF (1-111, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PAF (1-111, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVRTKAD SVPGYRKV AARAPRKVLG SSTSATNSTS VSSRKAENKY AGGNPVCVRP TPKWQKGIGE FFRLSPKDSE KENQIPEEAG SSGLGKAKRK ACPLQPDHTN DEKE
Tag:	His-tag
Predicted MW:	14.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human KIAA0101 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001025160
Locus ID:	9768
UniProt ID:	Q15004
Cytogenetics:	15q22.31
Synonyms:	KIAA0101; L5; NS5ATP9; OEATC; OEATC-1; OEATC1; p15(PAF); p15/PAF; p15PAF; PAF; PAF15



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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.[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Product images: