

## Recombinant Human PAF1 protein, His-tagged

Cat. No. PAF1-2900H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PAF1 protein(166-531 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	166-531 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	EEIYKDRDSQITAIEKTFEDAQKSISQHYSKPRVTPVEVMPVFPDFKMWINPCAQVIF DSDPAPKDTSGAAALEMMSQAMIRGMMDEEGNQFVAYFLPVEETLKKRKRDRQEEE MDYAPDDVYDYKIAREYNWNVKNKASKGYEENYFFIFREGDGVYYNELETRVRLSK RRAKAGVQSGTNALLVVKHRDMNEKELEAQEARKAQLENHEPEEEEEEMETEEK EAGGSDEEQEKGSSEKEGSEDEHSGSESEREEGDRDEASDKSGSGEDESSEDE ARAARDKEEIFGSDADSEDDADSDDEDRGQAQGGSDNDSGSGSNGGGQRSRSHS RSASPFPSGSEHSAQEDGSEAAASDSSEADSDSD
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

<b>Gene Name</b>	PAF1 Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae) [ Homo sapiens ]
<b>Official Symbol</b>	PAF1
<b>Synonyms</b>	PAF1; Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae); RNA polymerase II-associated factor 1 homolog; F23149_1; FLJ11123; PD2; pancreatic differentiation protein 2;
<b>Gene ID</b>	54623
<b>mRNA Refseq</b>	NM_001256826
<b>Protein Refseq</b>	NP_001243755
<b>MIM</b>	610506
<b>UniProt ID</b>	Q8N7H5

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