

Full-Length

PAF1 (Human) Recombinant Protein (P01)

Catalog # H00054623-P01

Size 50 ug

Specification

Product Description	Human PAF1 full-length ORF (NP_061961.2, 1 a.a. - 531 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPTIQTQAQREDGHRPNShRTLPERSGVVCRVKYCNSLPDIPFDPKFITYPFDQNRVQYKATSL EKQHKHDLLETPDLGVTIDLINPDITYRIDPNVLLDPADEKLLEEEIQAPTSSKRSQQHAKVVPWMR KTEYISTEFNRYGISNEKPEVKIGVSVKQQFTEEEMKDRDSQITAIEKTFEDAQKSISQHYSKPRVTP VEVMPVFPDFKMWINPCAQVIFDSDPAPKDTSGAAALEMMSQAMIRGMMDEEGNQFVAYFLPV EETLKKRKRDRQEEEMDYAPDDVYDYKIAREYNWNVKNKASKGYEENYFFIFREGDGVYNELETR VRLSKRRAKAGVQSGTNALLVVKHRDMNEKELEAQEARKAQLNHEPEEEEEEMETEEKEAG GSDEEQEKGSSEKEGSEDEHSGSESEREEDRDEASDKSGSGEDESEDEARAARDKEEIF GSDADSEDDADSDDEDGQAQGGSDNDSGSGNGGGQSRSRSHRSASPFPSGSEHSAQED GSEAAADSSEADSDSD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	86.4
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PAF1

Entrez GeneID [54623](#)

GeneBank Accession# [NM_019088.2](#)

Protein Accession# [NP_061961.2](#)

Gene Name PAF1

Gene Alias F23149_1, FLJ11123, PD2

Gene Description Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae)

Omim ID [610506](#)

Gene Ontology [Hyperlink](#)

Gene Summary PAF1, parafibromin (CDC73; MIM 607393), LEO1 (MIM 610507), and CTR9 (MIM 609366) form the PAF protein complex that associates with the RNA polymerase II subunit POLR2A (MIM 180660) and with a histone methyltransferase complex (Rozenblatt-Rosen et al., 2005 [PubMed 15632063]). The PAF complex also has a role in histone monoubiquitination (Zhu et al., 2005 [PubMed 16307923]).[supplied by OMIM]

Other Designations Paf1, RNA polymerase II associated factor, homolog