

## Recombinant Human RPAIN, His-tagged

**Cat. No.** RPAIN-15919H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human RPAIN protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-106aa
<b>Description</b>	RPA-interacting protein isoform d, also known as RPAIN, is a single-stranded-DNA binding protein involved in numerous eukaryotic DNA processes including replication, repair and recombination. RPAIN interacting protein has been identified as an adapter protein that is involved in RPA nuclear import instead of the prototypical importin proteins that normally mediate nuclear import.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
<b>Molecular Mass</b>	14.7 kDa (129aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSM AESLRS PRRSLYKLVG SPPWKEAFRQ RCLERMNRNSR DRLLNRYRQA GSSGPGNSQN SFLVQEVME EEWNALQSVEN CPEDLAQLEE LIDMAVLEEI QQELINQGL

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<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	RPAIN RPA interacting protein [ Homo sapiens ]
<b>Official Symbol</b>	RPAIN
<b>Synonyms</b>	RPAIN; RPA interacting protein; RPA-interacting protein; hRIP; MGC4189; RIP; nuclear transporter; RAP interaction protein; HRIP; FLJ25625; FLJ30490; FLJ42429;
<b>Gene ID</b>	84268
<b>mRNA Refseq</b>	NM_001160246
<b>Protein Refseq</b>	NP_001153718
<b>UniProt ID</b>	Q86UA6
<b>Chromosome Location</b>	17p13.2
<b>Function</b>	metal ion binding; protein complex binding;

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