

Recombinant Human RPAIN, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human RPAIN protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-106aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
Molecular Mass	14.7 kDa (129aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSM AESLRS PRRSLYKLVG SPPWKEAFRQ RCLERMNRNSR DRLLNRYRQA GSSGPGNSQN SFLVQEVME EWNALQSVEN CPEDLAQLEE LIDMAVLEEI QQELINQGL

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Purity	>95% by SDS - PAGE
Applications	SDS-PAGE
Storage	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.
Concentration	0.25mg/ml (determined by Bradford assay)

GENE INFORMATION

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

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