

Recombinant Human PRPF19, His-tagged

Cat. No. PRPF19-30592TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 235-504 of Human PRP19 with an N terminal His tag. Predicted mwt: 31 kDa;
Species	Human
Source	E.coli
ProteinLength	235-504 a.a.
Description	PSO4 is the human homolog of yeast Pso4, a gene essential for cell survival and DNA repair (Beck et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 118 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	NKILTGGADKNVVVFDKSSEQILATLKGHTKKVTSVVFHP SQDLVFSASPDATIRIWS VPNASCVQVVRAHESAVTGL SLHATGDYLLSSDDQYWAFSDIQTGRVLTKVTDET SG CSLTCAQFHPDGLIFGTGTMDSQIKIWDLKERTNVANFPG HSGPITSIAFSENGY YLATAADDSSVKLWDLRKLKNFK TLQLDNNFEVKSLIFDQSGTYLALGGTDVQIYICK

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QWT EILHFTEHSGLTTGVAFGHHAKFIASSTGMDRSLKFYSL

GENE INFORMATION

Gene Name	PRPF19 PRP19/PSO4 pre-mRNA processing factor 19 homolog (<i>S. cerevisiae</i>) [Homo sapiens]
Official Symbol	PRPF19
Synonyms	PRPF19; PRP19/PSO4 pre-mRNA processing factor 19 homolog (<i>S. cerevisiae</i>); PRP19, PRP19/PSO4 homolog (<i>S. cerevisiae</i>); pre-mRNA-processing factor 19; hPSO4; NMP200; nuclear matrix protein NMP200 related to splicing factor PRP19; PSO4; UBOX4;
Gene ID	27339
mRNA Refseq	NM_014502
Protein Refseq	NP_055317
MIM	608330
Uniprot ID	Q9UMS4
Chromosome Location	11q12.2
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, Prp19/CDC5L complex, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

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Function

DNA binding; identical protein binding; protein binding; ubiquitin-protein ligase activity; ubiquitin-ubiquitin ligase activity;

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