

Recombinant Human UPF1, GST-tagged

Cat. No. UPF1-3603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UPF1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	UPF1 UPF1 regulator of nonsense transcripts homolog (yeast) [Homo sapiens]
Official Symbol	UPF1
Synonyms	UPF1; UPF1 regulator of nonsense transcripts homolog (yeast); regulator of nonsense transcripts 1 , RENT1; regulator of nonsense transcripts 1; HUPF1; KIAA0221; NORF1; pNORF1; smg 2; smg 2 homolog; nonsense mediated mRNA decay factor (C. elegans); UP Frameshift 1; delta helicase; yeast Upf1p homolog;

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ATP-dependent helicase RENT1; nonsense mRNA reducing factor 1; up-frameshift mutation 1 homolog; up-frameshift suppressor 1 homolog; smg-2 homolog, nonsense mediated mRNA decay factor; RENT1; smg-2; FLJ43809; FLJ46894;

Gene ID [5976](#)

mRNA Refseq [NM_002911](#)

Protein Refseq [NP_002902](#)

MIM [601430](#)

UniProt ID [Q92900](#)

Chromosome Location 19p13.2-p13.11

Pathway Exon junction complex (EJC), organism-specific biosystem; Gene Expression, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense Mediated Decay Independent of the Exon Junction Co

Function ATP binding; ATP-dependent RNA helicase activity; DNA binding; RNA binding; chromatin binding; helicase activity; hydrolase activity; metal ion binding; nucleotide binding; protein binding; zinc ion binding;

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