

Recombinant Human UPF1 protein, His-tagged

Cat. No. UPF1-3089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UPF1 protein(310-607 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	310-607 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VKLEADYDKKLKESQTQDNITVRWDLGLNKKRIAYFTLPKTDSDMRLMQGDEICLRY KGD LAPLWK GIGHV I KVPDNYGDEIAIELRSSVGAPVEVTHNFQVDFVWKSTSFDRM QSALKTF AVDETSVSGYIYHKLLGHEVEDV I IKCQLPKRFTAQGLPDLNHSQVYAVKT VLQRPLSLIQGPPGTGKTVTSATIVYHLARQGNGPVLVCAPSNI AVDQLTEKIHQTGL KVVRLCAKSRE AIDSPVSFLALHNQIRNMDSMP ELQKLQQLKDETGE LSSADEKRYR ALKRTAERELL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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; 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

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