Recombinant Human UPF2 Protein, MYC/DDK-tagged

Cat. No. UPF2-632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UPF2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p. Two splice variants have been found for this gene; both variants encode the same protein. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	147.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	UPF2, regulator of nonsense mediated mRNA decay[Homo sapiens]
Official Symbol	UPF2
Synonyms	HUPF2; RENT2; smg-3
Gene ID	26019
mRNA Refseq	NM_015542.3
Protein Refseq	NP_056357.1
MIM	605529
UniProt ID	Q9HAU5

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