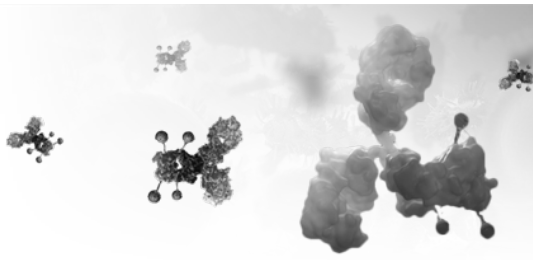

Human UPF2 blocking peptide (CDBP2502)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RENT2/UPF2 antibody
Antigen 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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	UPF2 UPF2 regulator of nonsense transcripts homolog (yeast) [Homo sapiens (human)]
Official Symbol	UPF2

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Synonyms	UPF2; UPF2 regulator of nonsense transcripts homolog (yeast); HUPF2; RENT2; smg-3; regulator of nonsense transcripts 2; yeast Upf2p homolog; nonsense mRNA reducing factor 2; up-frameshift suppressor 2 homolog; smg-3 homolog, nonsense mediated mRNA decay factor;
Entrez Gene ID	26019
mRNA Refseq	NM_015542.3
Protein Refseq	NP_056357.1
UniProt ID	Q9HAU5
Chromosome Location	10p14-p13
Pathway	Exon junction complex (EJC), organism-specific biosystem; Exon junction complex (EJC), conserved biosystem; Gene Expression, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense-Mediated Decay, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	RNA binding; protein binding;

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