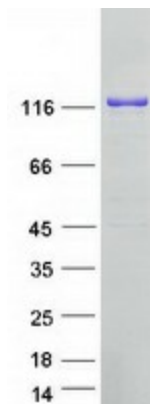


Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002902
Locus ID:	5976
UniProt ID:	Q92900 , A0A024R7L5
RefSeq Size:	5360
Cytogenetics:	19p13.11
RefSeq ORF:	3354
Synonyms:	HUPF1; NORF1; pNORF1; RENT1; smg-2; UTF
Summary:	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 only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified UPF1 protein (Cat# [TP308018]). The protein was produced from HEK293T cells transfected with UPF1 cDNA clone (Cat# [RC208018]) using MegaTran 2.0 (Cat# [TT210002]).