Recombinant Human XRN1 cell lysate

Cat. No. XRN1-1940HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	SEP1 localizes to cytoplasmic foci containing a complex of mRNA-degrading enzymes. In addition to mRNA metabolism, yeast Sep1 has been implicated in a variety of nuclear and cytoplasmic functions, including homologous recombination, meiosis, telomere maintenance, and microtubule assembly.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	XRN1 5-3 exoribonuclease 1 [Homo sapiens]
Official Symbol	XRN1
Synonyms	XRN1; 5-3 exoribonuclease 1; SEP1; strand-exchange protein 1 homolog; FLJ41903; DKFZp434P0721; DKFZp686B22225; DKFZp686F19113;
Gene ID	54464

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mRNA Refseq	NM_001042604
Protein Refseq	NP_001036069
MIM	607994
UniProt ID	Q8IZH2
Chromosome Location	3q23
Pathway	Deadenylation-dependent mRNA decay, organism-specific biosystem; Destabilization of mRNA by Butyrate Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem;
Function	5-3 exonuclease activity; DNA binding; RNA binding; hydrolase activity; protein binding;

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