

Recombinant Full Length Human XRN1 Protein, GST-tagged

Cat. No. XRN1-552HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human XRN1 full-length ORF (AAH48104.1, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	459 amino acids
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.
Molecular Mass	80.2 kDa
AA Sequence	MGVPKFYRWI SERYPCLSEV VKEHQIPEFD NLYLDMNGII HQCSHPNDDD VHFRISDDKI FTDIFHYLEV LFRIIKPRKV FFMAVDGVAP RAKMNQQRGR RFRSAKEAED KIKKAIEKGE TLPTEARFDS NCITPGTEFM AKLHEHLKYF VNMKISTDKS WQGVTIYFSG HETPGEGEHK IMEFIRSEKA KPDHDPNTRH CLYGLDADLI MLGLTSHEAH FLLREEVRF GGKKTQRVCA PEETTFHLLH LSLMREYIDY EFSVLKEKIT FKYDIERIID DWILMGFLVG NDFIPHLPHL HINHDALPLL YGTYVTILPE LGGYINESGH LNLPRFEKYL VKLSDFDREH FSEVFVDLKW FESKVG NKYL NEAAGVAAEE ARNYKEKKKL KGQENSLCWT ALDKNEGEMI TSKDNLEDET EDDDLFETEF RQYKRYYMT KMGVDVVSEY

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	VFANAFILK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	XRN1 5'-3' exoribonuclease 1 [Homo sapiens (human)]
Official Symbol	XRN1
Synonyms	XRN1; SEP1; 5'-3' exoribonuclease 1; strand-exchange protein 1 homolog
Gene ID	54464
mRNA Refseq	NM_019001
Protein Refseq	NP_061874
MIM	607994
UniProt ID	Q8IZH2

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