

Recombinant Mouse Xrn2 Protein, Myc/DDK-tagged

Cat. No. Xrn2-7025M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse 5'-3' exoribonuclease 2 (Xrn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Possesses 5'->3' exoribonuclease activity. May promote the termination of transcription by RNA polymerase II. During transcription termination, cleavage at the polyadenylation site liberates a 5' fragment which is subsequently processed to form the mature mRNA and a 3' fragment which remains attached to the elongating polymerase. The processive degradation of this 3' fragment by this protein may promote termination of transcription. Binds to RNA polymerase II (RNAP II) transcription termination R-loops formed by G-rich pause sites.
Molecular Mass	108.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Xrn2 5'-3' exoribonuclease 2 [*Mus musculus* (house mouse)]

Official Symbol Xrn2

Synonyms XRN2; 5-3 exoribonuclease 2; protein Dhml

Gene ID 24128

mRNA Refseq NM_011917

Protein Refseq NP_036047

UniProt ID Q9DBR1

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