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Serine/Threonine-Protein Kinase/Endoribonuclease IRE1

National Cancer Institute

Source

National Cancer Institute. *Serine/Threonine-Protein Kinase/Endoribonuclease IRE1*. NCI Thesaurus. Code C113614.

Serine/threonine-protein kinase/endoribonuclease IRE1 (977 aa, ~110 kDa) is encoded by the human ERN1 gene. This protein is involved in both protein phosphorylation and mRNA processing in response to endoplasmic reticulum stress-dependent signaling.