

ERN2 (IRE2) Recombinant Protein | ERN2 recombinant protein

ERN2 (IRE2), Active

CATALOG # AAA73533	HOST Sf9 insect cells	APPLICATIONS Kinase Assay
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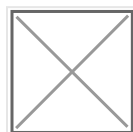
PRODUCT SYNONYMS

ERN2 (IRE2); Active; IRE1B; IRE2; IRE1-BETA; IRE2p; ERN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for ERN2 recombinant protein	Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for ERN2 recombinant protein	Recombinant human ERN2 (IRE2)(499-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The ERN2 (IRE2) gene accession number is NM_033266. ERN2 or endoplasmic reticulum to nucleus signaling 2 protein, is a human homologue of the yeast Ire1 gene product which plays a role in multiple facets of the ER stress response in mammalian cells (1). This protein belongs to the protein kinase superfamily, Ser/Thr protein kinase family.
Product Categories/Family for ERN2 recombinant protein	Protein Kinases ; Angiogenesis ; Cellular Stress ; Neurobiology ; Ser/Thr Kinases
References	1. Wang, X.-Z.et.al: Cloning of mammalian Ire1 reveals diversity in the ER stress responses. EMBO J. 17: 5708-5717, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_033266
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ern2-ire2-recombinant-protein-sf9-insect-cells-kinase-assay/73533>