



# Human ERN2 blocking peptide (CDBP1155)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-ERN2/IRE1b antibody                                                                                                                                                                                 |
| <b>Antigen Description</b> | ERN2 (endoplasmic reticulum to nucleus signaling 2) is a protein-coding gene. GO annotations related to this gene include protein serine/threonine kinase activity and endonuclease activity. An important paralog of this gene is ERN1. |
| <b>Species</b>             | Human                                                                                                                                                                                                                                    |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                             |
| <b>Applications</b>        | Apuri, BL, ELISA                                                                                                                                                                                                                         |
| <b>Format</b>              | Lyophilized powder                                                                                                                                                                                                                       |
| <b>Size</b>                | 100 µg                                                                                                                                                                                                                                   |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                     |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.                                                                                                                                                                                          |

## GENE INFORMATION

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| <b>Gene Name</b>       | <a href="#">ERN2 endoplasmic reticulum to nucleus signaling 2 [ Homo sapiens ]</a>                                                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | ERN2                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | ERN2; endoplasmic reticulum to nucleus signaling 2; ER to nucleus signalling 2; serine/threonine-protein kinase/endoribonuclease IRE2; IRE1b; hIRE2p; IRE1 beta; inositol-requiring 1 beta; inositol-requiring protein 2; IRE1, S. cerevisiae, homolog of; endoplasmic reticulum-to-nucleus signaling 2; endoplasmic reticulum to nucleus signalling 2; IRE1-BETA; |
| <b>Entrez Gene ID</b>  | <a href="#">10595</a>                                                                                                                                                                                                                                                                                                                                              |

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| <b>mRNA Refseq</b>         | <a href="#">NM_033266</a>                                                                                                                                                                              |
| <b>Protein Refseq</b>      | <a href="#">NP_150296</a>                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q76MJ5                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | 16p12.2                                                                                                                                                                                                |
| <b>Function</b>            | ATP binding; endonuclease activity; endoribonuclease activity, producing 5-phosphomonoesters; hydrolase activity; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity; |