

Recombinant Human ERN2 protein, His-tagged

Cat. No. ERN2-677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERN2(aa 452-926) fused with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	aa 452-926
Form	Tris-based buffer,50% glycerol
AA Sequence	RQQQPQVVE KQQETPLAPA DFAHISQDAQ SLHSGASRRS QKRLQSPSKQ AQPLDDPEAE QLTVVGKISF NPKDVLGRGA GGTFVFRGQF EGRAVAVKRL LRECFGLVRR EVQLLQESDR HPNVLRYFCT ERGPQFHYIA LELCRASLQE YVENPDLDRG GLEPEVVLQQ LMSGLAHLHS LHIVHRDLKP GNILITGPDS QGLGRVVLSD FGLCKKLPAG RCSFSLHSGI PGTEGWMAPE LLQLLPDPS TSAVDIFSAG CVFYVVLSSG SHPFGDSLVR QANILTGAPC LAHLEEEVHD KVVARDLVGA MLSPLPQPRP SAPQVLAHPF FWSRAKQLQF FQDVSDWLEK ESEQEPLVRA LEAGGCAVVR DNWHEHISMP LQTDLRKFERS YKGTSVRDLL RAVRNKKHHY RELPVEVRQA LGQVPDGFVQ YFTNRFPRL LHTHRAMRSC ASESLFLPYY PPDSEARRPC PGATGR
Purity	>90% (SDS-PAGE)
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80

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centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

GENE INFORMATION

Gene Name	ERN2 endoplasmic reticulum to nucleus signaling 2 [Homo sapiens]
Official Symbol	ERN2
Synonyms	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;
Gene ID	10595
mRNA Refseq	NM_033266
Protein Refseq	NP_150296
MIM	604034
UniProt ID	Q76MJ5
Chromosome Location	16p12.2
Function	ATP binding; endonuclease activity; endoribonuclease activity, producing 5-phosphomonoesters; hydrolase activity; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;

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