

Recombinant Human ERN2 protein, His-tagged

Cat. No. ERN2-3638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERN2 protein(452-563 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	452-563 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SLSREKLWDSSELHPEEKT PDSYLG LGPQDLLAASLTAVLLGGWILFVMRQQQPQVV EKQQETPLAPADFAHISQDAQSLHSGASRRSQKRLQSPSKQAQPLDDPEAEQLTVV
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

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

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