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## Datasheet for ABIN2720502 ERN1 Protein (Myc-DYKDDDDK Tag)

1 Image

1 Publication

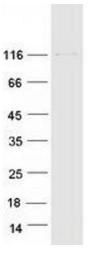


## Overview

0.00.000	
Quantity:	20 µg
Target:	ERN1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERN1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human ERN1 / IRE1 protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ERN1
Alternative Name:	Ern1,ire1 (ERN1 Products)
Background:	The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals.
Molecular Weight:	109.6 kDa

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Target Details	
NCBI Accession:	NP_001424
Pathways:	ER-Nucleus Signaling, Unfolded Protein Response
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.
Publications	
Product cited in:	Damiano, Navas, Lombari, Montagnaro, Forte, Giordano, Florio, Ciarcia: "Effects of δ-tocotrienol
	on ochratoxin A-induced nephrotoxicity in rats." in: Journal of cellular physiology, Vol. 233,
	Issue 11, pp. 8731-8739, (2018) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

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