

Product datasheet

Recombinant Human IRE1 protein ab114174

1 图像

描述

产品名称	重组人IRE1蛋白
表达系统	Wheat germ
Accession	<u>O75460</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	EEVINLVDQTSENAPTTVSRDVEEKPAHAPARPEAPVDSMLK DMATIILS TFLLIGWVAFIITYPLSMHQQQLQHQQFQKELEKIQLLQQQ QQQLPFHP
预测分子量	37 kDa including tags
氨基酸	401 to 500

技术指标

Our **Abpromise guarantee** covers the use of **ab114174** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
	SDS-PAGE
	ELISA
形式	Liquid

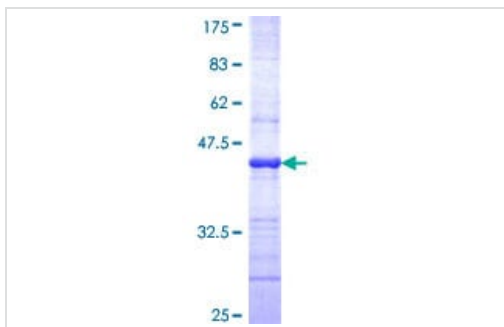
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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常规信息

功能	Senses unfolded proteins in the lumen of the endoplasmic reticulum via its N-terminal domain which leads to enzyme auto-activation. The active endoribonuclease domain splices XBP1 mRNA to generate a new C-terminus, converting it into a potent unfolded-protein response transcriptional activator and triggering growth arrest and apoptosis.
组织特异性	Ubiquitously expressed. High levels observed in pancreatic tissue.
序列相似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 KEN domain. Contains 1 protein kinase domain.
翻译后修饰	Autophosphorylated.
细胞定位	Endoplasmic reticulum membrane.

图片



ab114174 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human IRE1 protein
(ab114174)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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