

Product datasheet

Human IRE1 peptide ab39783

概述

产品名称 人IRE1多肽

描述

性质 Synthetic

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab39783** in the following tested applications.

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

应用 Blocking - Blocking peptide for Anti-IRE1 antibody ([ab37073](#))

形式 Liquid

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.02% Sodium Azide

Constituents: 0.1% BSA, PBS, pH 7.2

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.

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