

## 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.

**细胞定位** Endoplasmic reticulum membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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