

### Recombinant Human IREB2/IRP2 protein ab152479

画像数 1

#### 製品の詳細

製品名	Recombinant Human IREB2/IRP2 protein
発現系	Wheat germ
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MDAPKAGYAFEYLIETLNDSSHKFFDVSKLGTKYDVLPSI RVLLEAAV RNCDFGLMKKEDVMNILDWKTQSNVEVPFFPARVLLQDFTG IPAMVDFA AMREAVKTLGGDPEKVHPACPTDLTVDHSLQIDFSKCAIQNA PNPGGGDL QKAGKLSPLKVQPKKLPCRGQTTCRGSCDSGELGRNSGTFSS QIENTPIL CPFHLQPVEPETVLKNQEVEFGRNRERLQFFKWSSRVFKNV AVIPPGTG MAHQINLEYLSRVVFEEKDLLFPDSVVGTDSHITMVNGLGIL GWGVGGIE TEAVMLGLPVSLTLPEVVGCELTGSSNPFVTSIDVVLGITKV S
予測される分子量	63 kDa including tags
領域	1 to 343

#### 特性

Our **Abpromise guarantee** covers the use of **ab152479** in the following tested applications.

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

アプリケーション	SDS-PAGE
	Western blot
	ELISA

製品の状態 Liquid

備考 This product was previously labelled as IREB2.

## 前処理および保存

### 保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## 関連情報

### 機能

RNA-binding protein that binds to iron-responsive elements (IRES), which are stem-loop structures found in the 5'-UTR of ferritin, and delta aminolevulinic acid synthase mRNAs, and in the 3'-UTR of transferrin receptor mRNA. Binding to the IRE element in ferritin results in the repression of its mRNA translation. Binding of the protein to the transferrin receptor mRNA inhibits the degradation of this otherwise rapidly degraded mRNA.

### 配列類似性

Belongs to the aconitase/IPM isomerase family.

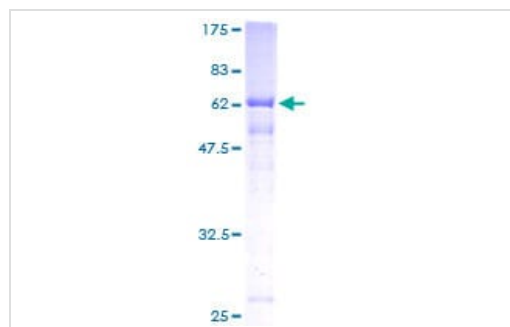
### 翻訳後修飾

Ubiquitinated and degraded by the proteasome in presence of high level of iron and oxygen. Ubiquitinated by a SCF complex containing FBXL5. Upon iron and oxygen depletion FBXL5 is degraded, preventing ubiquitination and allowing its RNA-binding activity.

### 細胞内局在

Cytoplasm.

## 画像



SDS-PAGE - Recombinant Human IREB2/IRP2 protein (ab152479)

12.5% SDS-PAGE analysis of ab152479 stained with Coomassie Blue.

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

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