

Recombinant Human IREB2/IRP2 protein ab152479

1 图像

描述	
产品名称	重组人IREB2/IRP2蛋白
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MDAPKAGYAFEYLIETLNDSSHKFFDVSKLGTKYDVLPSI RVLLEAAV RNCDGFLMKKEDVMNILDWKTKQSNVEVPFFPARVLLQDFTG IPAMVDFA AMREAVKTLGGDPEKVHPACPTDLTVDHSLQIDFSKCAIQNA PNPGGGDL QKAGKLSPLKVQPKKLPCRGQTTCTRGSCDSGELGRNSGTFSS QIENTPIL CPFHLQPVEPETVLKNQEVEFGRNRERLQFFKWSSRVFKNV AVIPPGTG MAHQINLEYLSRVVFEEKDLLFPDSVVGTDSHITMVNGLGIL GWGVGGIE TEAVMLGLPVSLTLPEVVGCELTGSSNPFVTSIDVVLGITKV S
预测分子量	63 kDa including tags
氨基酸	1 to 343

技术指标	
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.	
应用	SDS-PAGE Western blot ELISA
形式	Liquid
补充说明	This product was previously labelled as IREB2.

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: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能

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.

序列相似性

Belongs to the aconitase/IPM isomerase family.

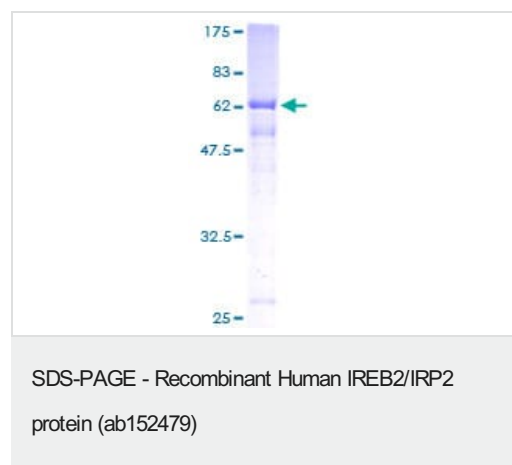
翻译后修饰

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.

细胞定位

Cytoplasm.

图片



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

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