

Recombinant Human IRF2 protein ab59954

1 图像

描述

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| 产品名称 | 重组人IRF2蛋白 |
| 纯度 | > 95 % SDS-PAGE. using conventional chromatography techniques. |
| 表达系统 | Escherichia coli |
| 蛋白长度 | Protein fragment |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MGSSHHHHHH SGLVPRGSH MPVERMRMP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLP |

技术指标

Our **Abpromise guarantee** covers the use of **ab59954** in the following tested applications.

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

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| 应用 | SDS-PAGE |
| 形式 | Liquid |

制备和贮存

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| 稳定性和存储 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.242% Tris, 10% Glycerol (glycerin, glycerine) |
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常规信息

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| 功能 | Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an |
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activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation.

组织特异性

Expressed throughout the epithelium of the colon. Also expressed in lamina propria.

序列相似性

Belongs to the IRF family.

Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

翻译后修饰

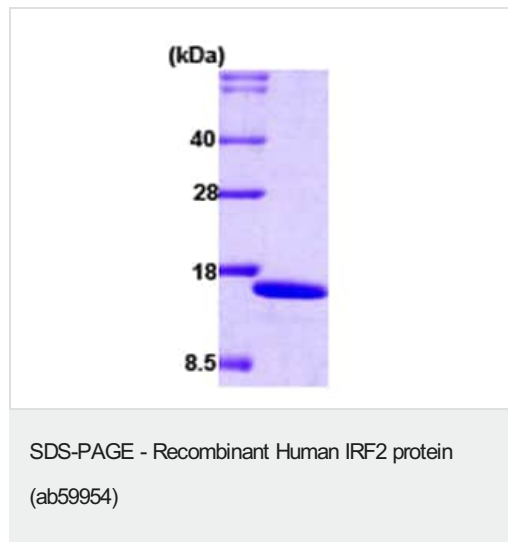
Acetylated by CBP/ p300 during cell-growth. Acetylation on Lys-75 is required for stimulation of H4 promoter activity.

The major sites of sumoylation are Lys-137 and Lys-293. Sumoylation by SUMO1 increases its transcriptional repressor activity on IRF1 and diminishes its ability to activate ISRE and H4 promoter.

细胞定位

Nucleus.

图片



ab59954 on 15%SDS-PAGE (3µg)

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