

Recombinant Human Interferon gamma protein ab51240

1 References 3 图像

描述	
产品名称	重组人Interferon gamma蛋白
生物活性	Measured in a cytotoxicity assay using WiDr cells. The ED50 for this effect is less or equal to 1.5 ng/ml.
纯度	> 95 % SDS-PAGE. Recombinant human Interferon gamma was expressed in <i>E.coli</i> and purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MQDPYVKEAE NLKKYFNAGH SDVADNGTLF LGILKNWKEE SDRKIMQSQI VSFYFKLFKN FKDDQSIQKS VETIKEDMNV KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA IHELIQVMAE LSPAAGTGKR KRSQMLFRGR RASQ

技术指标	
Our Abpromise guarantee covers the use of ab51240 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Biological Activity SDS-PAGE Western blot
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. pH: 7.40

Constituents: PBS, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

功能

Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

组织特异性

Released primarily from activated T lymphocytes.

疾病相关

In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis.

序列相似性

Belongs to the type II (or gamma) interferon family.

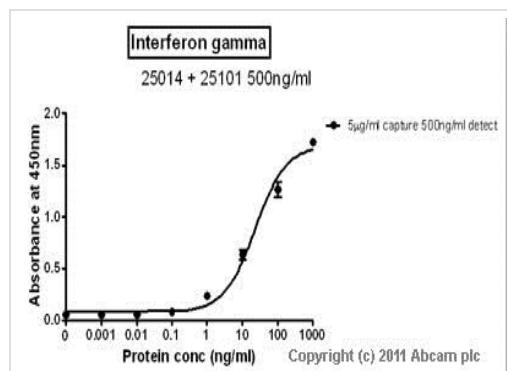
翻译后修饰

Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.

细胞定位

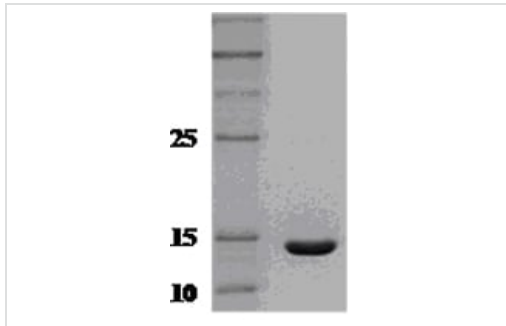
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图片



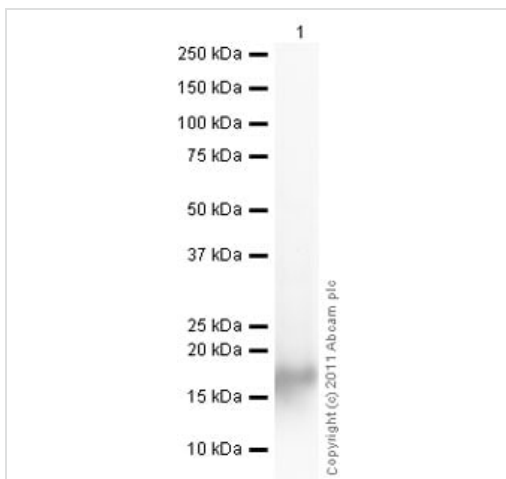
Standard curve for Interferon gamma (Analyte: ab51240); dilution range 1pg/ml to 1µg/ml using Capture Antibody **ab25014** at 5µg/ml and Detector Antibody **ab25101** at 0.5µg/ml.

Sandwich ELISA - Recombinant Human Interferon gamma protein (ab51240)



ab51240 on 14% SDS-PAGE.

SDS-PAGE - Recombinant Human Interferon
gamma protein (ab51240)



Western blot - Recombinant Human Interferon
gamma protein (ab51240)

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

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