

Product datasheet

Recombinant mouse Interferon gamma protein ab9922

★★★★★ 1 Abreviews

概述

产品名称	重组小鼠Interferon gamma蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Mouse
序列	Recombinant Murine IFN-g is a 15.6 kDa protein containing 134 amino acid residues: MHGTVIESLE SLNNYFNSSG IDVEEKSLFL DIWRNWQKDG DMKILQSQII SFYLR LFEVLKDNQAISNNI SVIESHLITT FFSNSKAKKD AFMSIAKFEV N NPQVQRQAF NELIRVVHQLLPESLRKRK RSRC

技术指标

Our [Abpromise guarantee](#) covers the use of **ab9922** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
内毒素水平	< 0.100 Eu/μg
形式	Lyophilised
补充说明	The ED ₅₀ is <0.2ng/ml, determined by ability to inhibit proliferation of murine WEHI-279 cells, corresponding to a specific activity of >5 x 10 ₆ units/mg

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -
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80°C. Avoid freeze / thaw cycle.

n/a

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

复溶

Reconstitute in water to 1.0 mg/ml. Do not vortex.

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

Secreted.

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

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