

Recombinant mouse Interferon gamma protein (Active) ab9922

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描述	
产品名称	重组小鼠Interferon gamma蛋白(Active)
生物活性	Determined by its ability to inhibit the proliferation of murine WEHI-279 cells. The expected ED ₅₀ is ≤ 0.2 ng/ml, corresponding to a specific activity of ≥ 5 x 10 ⁶ units/mg.
纯度	≥ 98 % SDS-PAGE. ≥ HPLC analyses. Sterile filtered.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<u>P01580</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	MHGTVIESLE SLNNYFNSSG IDVEEKSLFL DIWRNWQKDG DMKILQSQII SFYLRLFVFL KDNQAISNNI SVIESHLITT FFSNSKAKKD AFMSIAKFEV NNPQVQRQAF NELIRVVHQL LPESSLRKRK RSRC
预测分子量	16 kDa
分子量信息	C-terminal truncation due to proteolytic cleavage occurs during E. coli fermentation and results in a 15.1 kDa protein confirmed by mass spectroscopy. SDS-PAGE analysis of ab9922 shows a band that migrates at approximately 11-12 kDa, under nonreducing and reducing conditions.
氨基酸	23 to 155
额外的序列信息	Full-length mature protein, minus the signal peptide.

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	HPLC
	Functional Studies

	SDS-PAGE
形式	Lyophilized
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 -80°C. Avoid freeze / thaw cycle. This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	This information is lot specific. Please contact our technical Support team for details.
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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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