

Interferon γ /IFN- γ /IFNG, Human, Recombinant

Cat. No. : GPCK062

产品信息

物种	Human
表达宿主	E.coli
序列信息	MQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYFKLFKNFKD DQSIQKSVETIKEDMNVKFFNSNKKKRDDFEKLTNYSVTDLNVQRKAIHELIQVMAELSPAACKT GKRKRSQMLFQGRRASQ with polyhistidine tag at the C-terminus.
检索号	P01579.1
标签	His-tag at the C-terminus
分子量	17.7 kDa
有效期	12 months
生物活性	Measure by its ability to induce cytotoxicity in HT29 cells. The ED50 for this effect is < 0.5 ng/mL. The specific activity of recombinant human IFN gamma is approximately > 1.3×10^7 IU/mg.

产品特性

内毒素 (EU/ μ g)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 μ m filtered solution containing 1 $\times$ PBS, pH 8.0.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Interferon- γ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN- γ is primarily characterized based on its anti-viral activities, and then been proved to have several functions such as anti-proliferative, immune-regulatory, and pro-inflammatory activities. IFN- γ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.

