

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

货号 : PCK062

产品信息

别名	Type II interferon, T-cell interferon, MAF
物种	Human
表达宿主	E.coli
序列信息	MQDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQI VSFYFKLFKNFKDDQSIQKS VETIKEDMNVKFFNSNKKKRDDFEKLTNYSV TDLNVQRKAIHELIQVMAELSPA AKTGKRKRSQMLFQGRRASQ with polyhistidine tag at the C-terminus.
检索号	P01579.1
分子量	17.7 kDa
标签	His-tag at the C-terminus
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 x 10 ⁷ IU/mg.

产品特性

纯度	>95% as determined by SDS-PAGE. Ni-NTA chromatography.
内毒素	<0.01 EU per 1 μ g of the protein by the LAL method.
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 1X PBS, pH 8.0.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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.

SDS-PAGE

