

IFNω/IFN alpha II-1/IFNW1, Human, Recombinant

货号: PCK281

产品信息

别名 IFN alpha II-1, IFNW1 言蹇[®] | Pricella

物种 Human

表达宿主 E.coli

序列信息 MCDLPQNHGLLSRNTLVLLHQMRRISPFLCLKDRRDFRFPQEMVKGSQLQ

> KAHVMSVLHEMLQQIFSLFHTERSSAAWNMTLLDQLHTGLHQQLQHLETC LLQVVGEGESAGAISSPALTLRRYFQGIRVYLKEKKYSDCAWEVVRMEIMK

SLFLSTNMQERLRSKDRDLGSS with polyhistidine tag at the C-terminus.

检索号 P05000.2

分子量 20.93 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce cytotoxicity in TF-1 cells. The ED50 for this effect

is <0.02 ng/mL. The specific activity of recombinant human IFN omega is

approximately >5 x10⁷ IU/ mg.

产品特性

纯度 >95% as determined by SDS-PAGE. Ni-NTA chromatography.

内毒素 <0.1 EU per 1 µg 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 µm filtered solution containing 1X PBS, pH

7.4.

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复融

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.

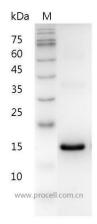
背景介绍

IFN- ω is a member of the type I interferon family, that can be induced by virus infected leukocytes and exert antiviral and anti-proliferative activities. IFN- ω shares about 75% sequence homology with IFN- α . There are two conserved disulfide bonds that are necessary for full biological activity.

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SDS-PAGE



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