

## IFN $\omega$ /IFN alpha II-1/IFNW1, Human, Recombinant

货号：PCK281

### 产品信息

别名	IFN alpha II-1, IFNW1
物种	Human
表达宿主	E.coli
序列信息	MCDLPQNHGLLSRNTLVLLHQMRRISPFLCLKDRRDFRFPQEMVKGSQ LQ 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 x10 <sup>7</sup> 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 $\mu$ 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 $\mu$ m filtered solution containing 1X PBS, pH 7.4.



## 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

IFN- $\omega$  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- $\omega$  shares about 75% sequence homology with IFN- $\alpha$ . There are two conserved disulfide bonds that are necessary for full biological activity.

## SDS-PAGE

