

M5 HiPer Recombinant Human IFN- α 使用说明书

产品名称	单位	货号
M5 HiPer Recombinant Human IFN- α	10 μ g	MFRP017-01

Known as Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2

Derived from E.coli

Purity Greater than 95% as determined by reducing SDS-PAGE.

Formulation Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Shipping The product is shipped at ambient temperature.

Storage

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/ml}$.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Background

At least 23 different variants of IFN- α are known. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN- α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN- α subtypes only differ in their sequences by one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxy-terminal end.

Recombinant Human Interferon alpha-2a is produced by our E.coli expression system and the target gene encoding Cys24-Glu188 is expressed.

【备注】

本产品仅供科研使用。在确认产品质量出现问题时，本公司承诺为客户免费更换等量的质量合格产品。