

IFN α 1a/Ifa/Ifa8, Mouse, Recombinant**Cat. No. : GPCK310****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	CDLPQTHNLRNKRALTLLVQMRRLSPLSCLKDRKDFGFPQEKVDAQQIKKAQAIPVLSELTQQI LNIFTSKDSSAAWNTTLLDSFCNDLHQQLNDLQGCLMQQVGVEFPLTQEDALLAVRKYFHR ITVYLREKKHSPCAWEVVRAEVWRALSSSANVLGRLREEK with polyhistidine tag at the N-terminus.
检索号	P01572.2
标签	His-tag at the N-terminus
分子量	19.93 kDa
有效期	12 months
生物活性	Measure by its ability to protect L929 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 10 pg/mL. The specific activity of recombinant mouse IFN alpha 1a is > 4 × 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 × PBS, pH 7.4.
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 alpha-1 or interferon alpha-D, encoded by the human IFNA1 gene, is a member of the type I interferon family. It is expressed in peripheral blood leukocytes and lymphoblastoid cells. There are four highly conserved cysteine residues which form two disulfide bonds. One bond is a necessity for biological activity, which plays an critical role in conducting non-specific resistance against a variety of viral infections, and regulation of cell proliferation and modulates immune responses.

