

Recombinant Mouse IFNA2 Protein

产品信息

产品名称	产品编号	规格
Recombinant Mouse IFNA2 Protein	91219ES10	10 µg
	91219ES60	100 µg
	91219ES80	1mg

产品简介

Interferon-alpha 2 (IFN alpha -2) is one of 14 subtypes within the IFN-alpha class of Type I Interferons (1). IFN-alpha class members signal through a common cell surface receptor complex composed of IFN-alpha R2 and IFN-alpha R1 subunits. As the first highly active IFN to be cloned and produced, IFN alpha -2 has become the prototypic IFN for academic and pharmaceutical research. Murine IFN-alpha 2 can eliminate cardiac viral load and protect cardiomyocytes from injury in animals infected with coxsackievirus B3 (CVB3). IFN alpha -2 derived mutants with reduced IFNR2 binding inhibited HIV replication and mutants with more IFNAR1 binding potentiated antiviral activity.

性能参数

Synonyms	alpha-2a interferon; Ifa2; IFNA; IFNA2; IFNA2a; IFNA2b; IFNA2c; IFNAA; IFNalpha 2
Uniprot No.	P01573
Source	Human IFNA2 Protein is expressed from HEK293 without tag. It contains Cys24-Glu190.
Molecular Weight	The protein has a predicted 19.4 kDa
Purity	> 95% as determined by SDS-PAGE.
Biological Activity	Measured in an anti-viral assay using L-929 mouse fibroblast cells infected with encephalomyocarditis (EMC) virus. . The EC50 for this effect is 20-200pg/mL.
Endotoxin	< 0.01 EU per 1µg of the protein by the LAL method.
Formulation	Dissolved in sterile PBS buffer. This solution can be diluted into other aqueous buffers. Centrifuge the vial prior to opening.

储存条件

The product should be stored at -85~-65°C for 1 year from date of receipt.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.