

IFN gamma (Interferon gamma), Mouse

v. 231101

Catalog number	C02055-5UG / C02055-20UG / C02055-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interferon-γ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN-γ is primarily characterized based on its anti-viral activities, and then been proved to have several functions such as anti-proliferative, immune-regulatory, and pro-inflammatory activities. IFN-γ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.
Source	<i>Escherichia coli</i>
Sequence	MHGTVIESLESLNNYFNSSGIDVEEKSLFLDIWRNWQKDGDMKILQSQIISFYLR LFEVLKDNQAISNNISVIESHLITFFSNSKAKKDAFMSIAKFEVNNPQVQRQAFN ELIRVVHQLLPESSLRKRKRSRC with polyhistidine tag at the C-terminus
Endotoxin level	<0.01 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to anti-viral assay in L-929 cells infected with encephalomyocarditis (EMC) virus. The ED ₅₀ for this effect is <0.5 ng/mL. The specific activity of recombinant mouse IFN gamma is approximately >2x 10 ⁶ IU/mg.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant mouse IFN gamma

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