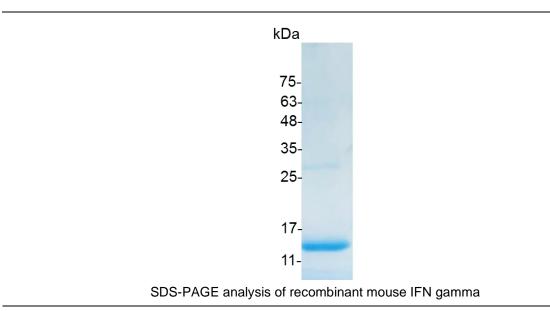


## IFN gamma (Interferon gamma), Mouse

v. 231101

Catalog number	C02055-5UG / C02055-20UG / C02055-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interferon- $\gamma$ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN- $\gamma$ is primarily characterized based on its antiviral activities, and then been proved to have several functions such as antiproliferative, immune-regulatory, and pro-inflammatory activities. IFN- $\gamma$ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.
Source	Escherichia coli
Sequence	MHGTVIESLESLNNYFNSSGIDVEEKSLFLDIWRNWQKDGDMKILQSQIISFYLR LFEVLKDNQAISNNISVIESHLITTFFSNSKAKKDAFMSIAKFEVNNPQVQRQAFN ELIRVVHQLLPESSLRKRKRSRC with polyhistidine tag at the C-terminus
Endotoxin level	<0.01 EU per 1 $\mu$ g 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 <sub>50</sub> 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 $\mu$ m filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile $H_2O$ 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	<ul> <li>This product is stable after storage at:</li> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> <li>Avoid repeated freeze/thaw cycles.</li> </ul>





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