

## Product datasheet for **TP724786**

### Ifng Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Mouse IFN-gamma
Species:	Mouse
Expression cDNA Clone or AA Sequence:	His23-Cys155
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Mouse Interferon Gamma is produced by our Mammalian expression system and the target gene encoding His23-Cys155 is expressed.
Stability:	12 months from date of despatch
Locus ID:	15978
UniProt ID:	<a href="#">P01580</a>
Summary:	Mouse Interferon-gamma (IFN- $\gamma$ /IFNG) is a secreted protein that belongs to the type II (gamma) interferon family. IFNG is primarily expressed by T lymphocytes, and activated by specific antigens or mitogens. In addition to having antiviral activity, IFNG also has important immunoregulatory functions. It is a potent activator of macrophages and has antiproliferative effects on transformed cells as well as enhance the antitumor effects of the type I interferons. IFNG also functions as an anti-inflammatory mediator by promoting the development of regulatory T cells and inhibiting Th17 cell differentiation. The pleiotropic effects of IFN-gamma contribute to the development of multiple aspects of atherosclerosis.



[View online »](#)