

Product datasheet for **TP724623**

Ifng Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse IFN gamma (C-His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	H23-C155
Tag:	C-8His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Mouse IFN gamma is produced by Human 293 Cells. The target gene encoding H23-C155 is expressed with a 8His tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	15978
UniProt ID:	P01580
Summary:	Mouse Interferon-gamma (IFN- γ /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.

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