

Product datasheet for **TP723163**

Ifng (NM_008337) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interferon gamma (Ifng).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MHGTVIESLE SLNNYFNSSG IDVEEKSFL DIWRNWQKDG DMKILQSQII SFYLRLFVFL KDNQAISNNI SVIESHLITT FFSNSKAKKD AFMSIAKFEV NNPQVQRQAF NELIRVVHQL LPESLRLRKRK RSRC
Tag:	Tag Free
Predicted MW:	15.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to inhibit the proliferation of murine WEHI-279 cells. The expected ED50 is less than or equal to 0.2 ng/ml, corresponding to a specific activity of > 5 x 10 ⁶ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_032363
Locus ID:	15978
UniProt ID:	P01580
RefSeq Size:	1207
Cytogenetics:	10 66.75 cM
RefSeq ORF:	465
Synonyms:	If; If2f; Ifg; IFN-g



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Summary:

This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mice deficient in this gene have increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]

Product images: