

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 E. coli **Expression Host:** MHGTVIESLE SLNNYFNSSG IDVEEKSLFL DIWRNWQKDG DMKILQSQII SFYLRLFEVL KDNQAISNNI **Expression cDNA Clone** SVIESHLITT FFSNSKAKKD AFMSIAKFEV NNPQVQRQAF NELIRVVHQL LPESSLRKRK RSRC or AA Sequence: 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 Determined by its ability to inhibit the proliferation of murine WEHI-279 cells. The expected **Bioactivity:** ED50 is less than or equal to 0.2 ng/ml, corresponding to a specific activity of $> 5 \times 10^{6}$ units/mg. Endotoxin level is $< 0.1 \text{ ng/}\mu\text{g}$ of protein ($< 1 \text{ EU/}\mu\text{g}$) Endotoxin: Store at -80°C. Storage: Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. NP 032363 RefSeq: Locus ID: 15978 UniProt ID: P01580 **RefSeq Size:** 1207 **Cytogenetics:** 10 66.75 cM **RefSeq ORF:** 465 If; If2f; Ifg; IFN-g Synonyms:



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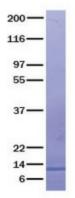
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Summary: This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon 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:



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