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Product Datasheet

Recombinant Human IFN gamma (E. coli) EBT-EPT184

Article Name	Recombinant Human IFN gamma (E. coli)
Biozol Catalog Number	EBT-EPT184
Supplier Catalog Number	EPT184
Alternative Catalog Number	EBT-EPT184-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Interferon Gamma is produced by our E.coli expression system and the target gene encoding Gln24-Gln166 is expressed....
Molecular Weight	Molecular weight: 16.88 KDa. Apparent molecular weight: 16 KDa, reducing conditions
UniProt	P01579
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/ μ g (0.01 EU/ μ g) as determined by LAL test. Biological activity: Measured by a cytotoxicity assay using HT-29 cells. The ED50 for this effect is 17 pg/ml. Background: IFNgamma is the major interferon produced by mitogenically or antigenically stimulated lymphocytes. It is structurally different from type I interferon and its major activity is immunoregulation. It has been implicated in the expression of class II histocompatibility antigens in cells that do not normally produce them, leading to autoimmune disease. Interferon gamma is produced mainly by T-cells and natural killer cells activated by antigens, mitogens, or alloantigens. It is produced by lymphocytes expressing the surface antigens CD4 and CD8. IFNgamma synthesis is induced by IL-2, FGF-basic, and EGF