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## Product Datasheet

### Human Interferon- $\gamma$ (rHuIFN- $\gamma$ ) (orb1495064)

**Description**

Interferon-gamma (IFN- $\gamma$ , also known as

is a cytokine produ...

**Endotoxins**

Less than 1EU/ $\mu$ g of rHuIFN- $\gamma$  as determined by LAL method.

**Preservatives**

Lyophilized from a 0.2 $\mu$ m filtered concentrated solution in PBS, pH 7.4.

**Form/Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Storage**

This lyophilized preparation is stable at 2-8 $^{\circ}$ C, but should be kept at -20 $^{\circ}$ C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 $^{\circ}$ C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 $^{\circ}$ C to -70 $^{\circ}$ C. Avoid repeated freeze/thaw cycles.

**Note**

For research use only

**Application notes**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20 $^{\circ}$ C. Further dilutions should be made in appropriate buffered solutions.

**Protein Sequence**

MQDPYVKEAE NLKKYFNAGH  
SDVADNGTLF LGILKNWKEE SDRKIMQSQI  
VSFYFKLKF N FKDDQSIQKS VETIKEDMNV  
KFFNSNKKKR DDFEKLTNYS VTDLNVQRKA  
IHELIQVM AE LSPAAGTGKR KRSQMLFQGR  
RASQ

**Source**

Escherichia coli

**MW**

Approximately 17 kDa, a single non-glycosylated polypeptide chain containing 144 amino acids.

**Expiration Date**

6 months from date of receipt.