

CytoGrow™ Recombinant IFN γ (Human)

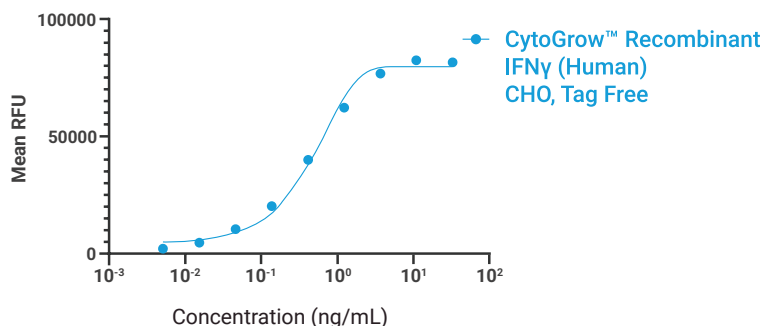
Catalog Numbers: CG34-A, CG034-B, CG034 -C

Revision 1.0

Specifications

Synonym	Interferon Gamma; IFN-Gamma; Immune Interferon; IFNG
Species	Human
Size	10 μ g/50 μ g/1mg
Tag	Tag Free
Purity	\geq 95%
Endotoxin	\leq 10 EU/mg
Expression System	CHO
Expression Region	Gln24-Gln166
pH	7.0-8.0
Appearance	
Formulation	Lyophilized
Shipping	The product is shipped with blue ice
Reconstitution	It is recommended to redissolve in sterile deionized water.
Storage and Stability	Lyophilized state: 36 months at -20°C to -80°C
	After reconstitution and under sterile conditions. 6 months at -20°C to -80°C 7-10 days at 2°C to 8°C
	Store in a manual defrost freezer and avoid repeated freeze-thaw cycles.

Bioactivity



The activity is determined by the dose-dependent proliferation of Mo7e cells.
 The ED₅₀ is \leq 2 ng/mL.

Reconstitution

1. Reconstitute protein to concentrations of 100 μ g/mL or higher.
2. Use sterile deionized water to solubilize the lyophilized protein.
3. Gently tap glass vial to help collect the powder to the bottom.
4. Add desired amount of buffer, observe after 2 min. Gentle agitation by hand may be required.
5. Prepare aliquots of solution. Freeze at -20°C to -80°C to avoid repeated freeze thaw cycles.