

Recombinant Rhesus Macaque Interferon-gamma

#R00212

Size: 10 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

QDPYVKEAENLKQYFNAGDPDVADNGTLFLDILRNW
KEESDRKIMQSQIVSFYFKLFKNFKDDQRIQKSVETIK
EDINVKFFNSNKKKRDDFEKLTNYSVTDSNVQRKAVH
ELIQVMAELSPAAGKIGKRKRSQMFRGRRASQ

Reconstitution

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 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	P63310
GeneID	574282.
Species	Rhesus
Source	Escherichia coli.
Molecular Weight	Approximately 16.8 kDa, a single non-glycosylated polypeptide chain containing 142 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by an anti-viral assay using human HeLa cells infected with encephalomyocarditis (EMC) virus is less than 20.0 ng/ml, corresponding to a specific

Physical Appearance Formulation	activity of > 5.0 × 10 ⁴ IU/mg. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rRhIFN-γ as determined by LAL method.