

Active Recombinant Cotton Rat IFNA

Cat. No. IFNA-389C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat IFNA (Accession # AAL18816) Cys24-Lys190 (Cys109Tyr) was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	24-190 a.a.
Predicted N Terminal	Cys24
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in an anti-viral assay using LCRT cotton rat fibrosarcoma cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is typically 0.02 - 0.1 ng/mL.
Molecular Mass	Recombinant Cotton Rat IFNA has a calculated MW of 19.4 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 25 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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