

## PRODUCT INFORMATION SUMMARY

### Rat IFN Alpha

Purified Factor                      Product Number      RC333028      100,000 units

#### DESCRIPTION:

Recombinant Rat Interferon Alpha 1, produced by transfected insect cells (Sf9). Molecular weight of 19.0 kDa.

**SOURCE:**      Spondoptera frugiperda insect cells  
                    Purity > 95% by HPLC analysis

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**  
Specific activity of  $2 \times 10^8$  units/mg, as determined by cytopathic effect inhibition assay using rat cells challenged with VSV.

#### HANDLING AND STORAGE:

Purified Rat IFN Alpha 1 factor is provided lyophilized from Tris buffer with 200 ug/mL rat serum albumin. Store lyophilized, at -20° C. Upon reconstitution with 100 uL distilled water or buffer ( 5 mM Tris, 150 mM NaCl, pH 7.0), further dilute in buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial to reconstitute,** it is recommended to microcentrifuge vial for 30 seconds - this will help recovery of full contents that may have adhered to surfaces of vial during lyophilization.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**