

# Rat IFN-beta Recombinant Protein

Product Details	
Size	1x10 <sup>5</sup> units
Species	Mouse, Rat
Expression system	CHO cells
Molecular weight	19.68 kDa
Class	Recombinant
Type	Protein
Purity	>95%
Endotoxin concentration	<1 EU/μg
Activity	EC50 ~ 1 U/mL; determined by use of the cytopathic effect inhibition assay described in [Rubinstein, S. et al. (1981). J. Virol. 37, 755-758]; [Familletti, P.C. et al. (1981). Methods in Enzymology, Vol. 78, 387-394]As there is no international Rat IFN-alpha standard, units are determined with respect to the international reference standard for mouse interferon alpha/beta (mouse IFN-alpha/beta) provided by the National Institutes of Health.
Conjugate	Unconjugated
Form	Lyophilized
Purification	purified
Storage buffer	PBS with 0.125M trehalose
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

## Product Specific Information

After receipt, this product should be kept at -20°C while lyophilized and at -70°C after reconstitution in sterile distilled water for retention of full activity. After reconstitution, the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum. After thawing, this product is stable for at least four weeks at 4°C. Further dilute only in buffers containing protein such as 0.1% bovine serum albumin (BSA).

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