

Human IFN-alpha A/D Recombinant Protein

Product Details

Size	1 x 10 ⁵ units
Species	Human
Expression system	E. coli
Molecular weight	19.4 kDa
Class	Recombinant
Type	Protein
Purity	>95%
Activity	Specific Activity = 1.8x10 ⁸ units/mg; Assay used to measure bioactivity: Interferon was titrated with the use of the cytopathic effect inhibition assay as described by Rubinstein, et al. In this antiviral assay for interferon about 1 unit/mL of interferon is the quantity necessary to produce a 50% cytopathic effect. The units are determined with respect to the international reference standard for human interferon alpha A (Hu-IFN-A) provided by the National Institutes of Health. The units of activity are determined with bovine MDBK cells infected with vesicular stomatitis virus (VSV).
Conjugate	Unconjugated
Form	Liquid
Purification	purified
Storage buffer	PBS with 0.1% BSA
Contains	no preservative
Storage conditions	-80°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Dilution Recommendation: Further dilutions should be made in medium or buffered solution containing carrier protein such as PBS with 0.1% BSA.

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