

Interferon alfa

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| Cat. No.: | HY-P99666 |
| Target: | IFNAR |
| Pathway: | Immunology/Inflammation |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Albinterferon alfa-2b is a type I interferon that activates novel genes and exerts potent antiviral and antiproliferative activity on target cells. Signaling by Albinterferon alfa-2b requires receptor-dependent activation of Stat1 and Stat2 to form a heterodimeric STAT that binds to the DNA-binding protein IRF-9 (p48) and forms ISGF-3 (IFN-stimulated gene factor 3). The driver genes are then further activated by ISGF-3 to achieve antiviral function^[1].

REFERENCES

[1]. Park C, et al. Immune response in Stat2 knockout mice. *Immunity*. 2000 Dec;13(6):795-804.

Caution: Product has not been fully validated for medical applications. For research use only.

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