

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

IL-1 BETA

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| Purified Factor | Product Number | HC10022B | 10.0 ug |
| | Product Number | HC10022A | 2.0 ug |

DESCRIPTION:

Human Interleukin-1 (IL 1) Beta, a potent immunomodulator which acts to stimulate a wide range of inflammatory and other immune responses. Molecular weight of 17.0 kDa, with 153 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug IL-1 Beta
Sterile-filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 1×10^9 units/mg, as determined by dose dependent stimulation of murine D10S cells (0.001 ng/mL @ 50% endpoint).

HANDLING AND STORAGE:

Purified Human IL 1 Beta factor is provided lyophilized. Store lyophilized, at -20° C. We recommend to Quick-Spin (microcentrifuge) before reconstitution with distilled water to a concentration of 100 ug/mL, dilute in PBS or other buffered solutions. Store small aliquots **FROZEN**, with **addition** of carrier protein ie., **0.1% BSA**, at -20° C for up to 3 months for long-term storage, at high concentration.

RESEARCH USE ONLY -NOT for DRUG USE

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