

Active Recombinant Human IL1B Protein, Animal Free

Cat. No. IL1B-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1B Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	IL-1 includes two pleiotropic cytokines, IL-1 α and IL-1 β . Both IL-1 α and IL-1 β bind to the same receptor and have similar, if not identical, biological properties. IL-1 β is a proinflammatory cytokine produced in a variety of cells, including monocytes, tissue macrophages, keratinocytes, and other epithelial cells. These cytokines have a broad range of activities including the stimulation of thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of the proliferation of mouse D10S cells.
Molecular Mass	18-25 kDa
Endotoxin	<0.5 EU/ μ g
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8

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centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name IL1B interleukin 1 beta [Homo sapiens (human)]

Official Symbol IL1B

Synonyms IL1B; interleukin 1 beta; IL-1; IL1F2; IL1beta; IL1-BETA; interleukin-1 beta; IL-1 beta; catabolin; interleukin 1beta; preinterleukin 1 beta; pro-interleukin-1-beta

Gene ID 3553

mRNA Refseq NM_000576

Protein Refseq NP_000567

MIM 147720

UniProt ID P01584

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