

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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