

Active GMP Recombinant Human IL-1 β protein

Cat. No. IL1 β -544HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL-1 β protein(NP_000567.1)(159 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human IL-1 β (GenBank: AAA72849.1) was expressed with His tag at the C-terminal.
Bio-activity	$\geq 1 \times 10^9$ IU/mg
Molecular Mass	Recombinant Human IL-1 β contains 159 aa. It has a predicted MW of 18.2 kDa.
Endotoxin	≤ 0.01 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	IL1B interleukin 1 beta [Homo sapiens (human)]
Official Symbol	IL1B
Synonyms	Catabolin; Lymphocyte-activating factor (LAF); Endogenous Pyrogen (EP); Leukocyte Endogenous Mediator (LEM); Mononuclear Cell Factor (MCF); IL1B; IL-1BETA; IL1F2; IL-1 β
Gene ID	3553
mRNA Refseq	NM_000576.3
Protein Refseq	NP_000567.1
MIM	147720
UniProt ID	P01584

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