

## Recombinant human IL-1 $\beta$ protein (His tag)

### Description

<b>Product name</b>	Recombinant human IL-1 $\beta$ protein (His tag)
<b>Catalog#</b>	ABT-9029
<b>Known as</b>	Interleukin-1 beta; IL-1 beta; Catabolin
<b>Expression system</b>	HEK 293 cells
<b>Tags</b>	His tag C-terminus

### Specifications

<b>SDS-PAGE</b>	19 kDa, reducing conditions
<b>Purity</b>	>95% SDS-PAGE
<b>Form</b>	Lyophilized powder

### Stability and Storage

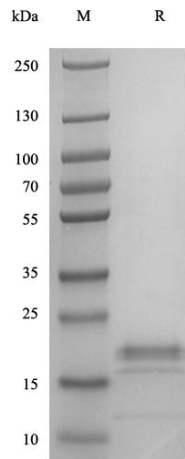
<b>Storage</b>	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
<b>Stability</b>	Aliquot and store at -20°C for 12 months.
<b>Constituents</b>	Lyophilized from 0.22 $\mu$ m filtered solution in PBS, pH7.4.

### General information

<b>Function</b>	<p>Potent pro-inflammatory cytokine.</p> <p>Initially discovered as the major endogenous pyrogen.</p> <p>Promotes Th17 differentiation of T-cells. Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells.</p> <p>Plays a role in angiogenesis by inducing VEGF production synergistically with TNF and IL6.</p>
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### Images

**For research use only.**



Human IL-1 $\beta$  (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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