

## Human Interleukin-1 beta / IL-1B (His-tagged) - Purified

<b>Alternate names:</b>	Catabolin, IL-1 beta, IL1 beta, IL1B, IL1F2
<b>Catalog No.:</b>	AR10075PU-L
<b>Quantity:</b>	1 mg
<b>Background:</b>	Interleukin-1b is a potent pro-inflammatory cytokine produced by a wide variety of cell types including monocytes and macrophages. It displays a broad range of Biological activity including activation of B and T cells in response to inflammation and the activation of endothelial cells.
<b>Uniprot ID:</b>	<a href="#">P01584</a>
<b>NCBI:</b>	<a href="#">NP_000567.1</a>
<b>GeneID:</b>	<a href="#">3553</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid sterile filtered clear solution. <b>Purity:</b> >95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE <b>Buffer System:</b> 1x PBS and 50% Glycerol.
<b>Description:</b>	Interleukin-1 beta His-Tag Human Recombinant produced in <i>E.coli</i> is a single, non-glycosylated, Polypeptide chain containing 153 amino acids fragment (117-269) and having a total molecular mass of 21.88 kDa with an amino-terminal hexahistidine tag. The IL-1b His is purified by proprietary chromatographic techniques. <b>Molecular weight:</b> 21.88 kDa
<b>Storage:</b>	Store the Interleukin-1b His-Tag antigen at 2-8°C for 2-4 weeks or Frozen at -20°C for longer. Please avoid freeze thaw cycles. Shelf life: One year from despatch.