



RPCB0621

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**Product Information**

**Product SKU:** RPCB0621      **Gene ID:** 3553      **Size:** 100µg  
**Tag:** C-His&Avi      **Reactivity:** Human

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**Additional Information**

**Expression Host:** -      **Swissprot:** P01584  
**Purity:** > 95% by SDS-PAGE ; > 95% by HPLC

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**Protein Information**

**Background:** Interleukin-1 beta (IL-1 $\beta$ ) is induced by inflammatory signals in a broad number of immune cell types. IL-1 $\beta$  (and IL-18) are the only cytokines which are processed by caspase-1 after inflammasome-mediated activation. IL-1 signaling activates innate immune cells including antigen presenting cells, and drives polarization of CD4 T cells towards T helper type (Th) 1 and Th17 cells.

**Protein Description:** High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human IL-1 beta Protein , tested reactivity inE. coli and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.