

**32-8288: Recombinant Cavia porcellus Interleukin-1 Beta/IL-1 beta (C-6His)(Discontinued)**

**Gene :** IL1B  
**Gene ID :** 100135556  
**Uniprot ID :** Q9WVG1

**Description**

Source: E.coli.  
MW :18.2kD.

Recombinant Cavia porcellus Interleukin-1 Beta is produced by our E.coli expression system and the target gene encoding Thr115-Ser266 is expressed with a 6His tag at the C-terminus. Interleukin-1 beta (IL1B) belongs to the IL-1 family. Interleukin 1 (IL-1) is a family of polypeptide cytokines consisting of two agonists, IL-1 alpha (IL-1F1) and IL-1 beta (IL-1F2) encoded by two distinct genes and perform identical biological functions. IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response. It is identified as endogenous pyrogens, and is reported to stimulate the release of prostaglandin and collagenase from synovial cells.

**Product Info**

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MTPVPSRNCTLHDIQHKRLVLSDPCELKALHLNGDNLNRQVVFMSFVQGERSDNKMPVALGLKGKNLYLSCV MKDGGKPVQLQLESVDGKQYPKKKMEKRFVFNKITSKSTVEFESAQFPNWIYSTQAEHKPVFLGNNNGQDIIDFK LELVSSHHHHHH

**Application Note**

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.