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32-6409: IL1B Canine

Application : Functional Assay

Alternative Name : Interleukin 1b, Interleukin 1beta, IL-1, IL1F2, IL1-beta, Interleukin 1, beta proprotein, Interleukin 1b, IL1B, interleukin 1 beta, IL-1B.

Description

Source: Escherichia Coli.
Sterile filtered colorless solution.
IL1B or Interleukin-1b is made and produced by activated macrophages, IL-1B stimulates thymocyte proliferation by inducing il-2 release, b-cell maturation and proliferation, and fibroblast growth factor activity. IL1B proteins take part in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin from synovial cells.
IL1B Canine Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids (114-265 a.a) and having a molecular mass of 17.5 kDa.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : IL1B Canine protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4).

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Amino Acid : MAAMQSVDCK LQDISHKYLV LSNSYELRAL HLNGENVNKQ VVFHMSFVHG DESNNKIPVV LGIKQKNLYL SCVMKDGKPT LQLEKVDPKV YPKRKMEKRF VFNKIEIKNT VEFESSQYPN WYISTSQVEG MPVFLGNTRG GQDITDFTME FSS.

Application Note

Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 range <= 5pg/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.