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IL1B Canine

Interleukin-1 beta Canine Recombinant
CYK0399

Product Overview

Name	IL1B Canine
Description	
Interleukin-1 beta Canine Recombinant	
Accession (Primary)	Q2VCE2
Synonyms	
Interleukin 1b, Interleukin 1beta, IL-1, IL1F2, IL1-beta, Interleukin 1, beta proprotein, Interleukin 1b, IL1B, interleukin 1 beta, IL-1B.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL1B Canine protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4).	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MAAMQSVDCK LQDISHKYLV LSNSYELRAL HLNGENVNKQ VVFHMSFVHG DESNNKIPVV LGIKQKNLYL SCVMKDGKPT LQLEKVDPKV YPKRKMEKRF VFNKIEIKNT VEFESSQYPN WYISTSQVEG MPVFLGNTRG GQDITDFTME FSS.	
Biological Activity	

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

Precautions

IL1B Canine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q2VCE2)