9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL-1 Alpha Rat, His Active

Interleukin-1 alpha Rat Recombinant, His Tag Active
CYK0356

Product Overview

Name	IL-1 Alpha Rat, His Active
Description	
Interleukin-1 alpha Rat Recombinant, His Tag Active	
Accession (Primary)	P16598
Synonyms	
Interleukin-1 alpha, IL-1 alpha.	
Introduction	
IL-1 alpha is produced by activated macrophages.IL-1 alpha stimulates thymocyte proliferation by inducing il-2 release, b-cell maturation and proliferation, and fibroblast growth factor activity. IL1A proteins take part in the inflammatory response, being identified as endogenous pyrogens, and stimulate the release of prostaglandin and collagenase from synovial cells.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL1A protein solution (1mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).	
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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS SAPHSFQ NNLRYKLIRI VKQEFIMNDS LNQNIYVDMD RIHLKAASLN DLQLEVKFDM YAYSSGGDDSKYPVTLKVSN TQLFVSAQGE DKPVLLKEIP ETPKLITGSE TDLIFFWEKI NSKNYFTSAA FPELLIATKE QSQVHLARGL PSMIDFQIS.	
Biological Activity	
The ED50 that was measured in a cell proliferation assay using D10.G4.1 mouse helper T cell is < 20 pg/ml.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Precautions

IL-1 Alpha Rat, His Active is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16598)