

IL-1?, 113-271aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02594

3th Edition

Synonyms:Interleukin-1 alpha, IL-1 alpha, Hematopoietin-1

Description:IL-1 (Interleukin-1) consists of two distinct forms, IL-1 alpha and IL-1 beta which perform the same functions but are distinct proteins. IL-1? is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is also temporarily upregulated during bone formation and the menstrual cycle and can be induced in response to nervous system stimulation.

Form:Liquid in 20mM Tris-HCl pH 7.5, 10% glycerol

Molecular Weight:22.4kDa (197aa)

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.