

IL-15, 49-162aa Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02590

3th Edition

Synonyms:IL-15

Description:Interleukin (IL-15) is a pleiotropic cytokine that plays a pivotal role in both innate and adaptive immunity. IL-15 is unique among cytokines due to its participation in a trans signaling mechanism in which IL-15 receptor alpha (IL-15R alpha) from one subset of cells presents IL-15 to neighboring IL-2R beta/gamma(c)-expressing cells. This newly discovered cytokine is produced by a wide variety of cells and tissues and like IL-2, stimulates the proliferation of T-lymphocytes and induces the generation of cytotoxic T-lymphocytes (CTLs) and lymphokine-activated killer (LAK) cells

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.2 mM PMSF, 10% glycerol

Molecular Weight:13.9kDa (123aa), confirmed by MALDI-TOF

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

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.