

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

**Cat.NO.: TP02591**

3th Edition

**Synonyms:**IL-15

**Description:**Interleukin-15 (IL-15) is a pleiotropic cytokine that plays a pivotal role in both innate and adaptive immunity and has structural similarity to IL-2 that is secreted by mononuclear phagocytes following infection by viruses. Stimulation by IL-15 requires interaction of Il gamma, but not IL-2R alpha. This cytokine is the proliferation of T-lymphocytes and induces the generation of cytotoxic T activated killer (LAK) cells.

**Form:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

**Molecular Weight:**17.6 kDa (152aa), confirmed by MALDI-TOF

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHEYSNMTLNETVRNVLYLANSTLSSNKNVAESGCKE  
CEELEEKTFTEFLQSFIRIVQMFINTS

**Purity:**> 95% by HPLC

**Concentration:**0.5 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.