

IL-18, 36-192aa, Mouse, His-tagged, Recombinant, E.coli

Cat.NO.: TP02593

3th Edition

Synonyms:IL-18, IFN-gamma-inducing factor (IGIF), Interleukin-1 gamma

Description:Interleukin-18 (IL-18), previously known as interferon-gamma (IFN- γ)-inducing factor, is an activator of NK cells and a co-inducer of Th1 cytokines. IL-18 is produced from Kupffer cells, activated macrophages, keratinocytes, intestinal epithelial cells, osteoblasts, adrenal cortex cells and murine diencephalon. IL-18 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Form:Liquid. In 20mM Tris-HCl pH 8.0 containing 10% glycerol

Molecular Weight:20.4 kDa (178 aa) , confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMNFGR LHCTTAVIRNINDQVLFVDK RQPVFEDMTDIDQSASEPQTRLIIYMYKDSE
VRGLAVTL SVKDSKMSTLSCKNKIISFEEMDPPENIDDIQSDLIFFQKR VPGHNKMEFESSLYEGHFLACQKEDDAFK
LILKKKDENGDKSVMFTLTNLHQS

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.