

IL18, 36-192aa, Mouse, His tag, E.coli

Cat.NO.: TP02619

3th Edition

Synonyms:Interleukin-18, Igif, Il-18

Description:IL18(Interleukin18), previously known as interferon-gamma (IFN-gamma)-inducing factor, is an activator of NK cells and a co-inducer of Th1 cytokines. IL18 is produced from Kupffer cells, activated macrophages, keratinocytes, intestinal epithelial cells, osteoblasts, adrenal cortex cells and murine diencephalon. Recombinant mouse IL18 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Form:Liquid. In Phosphate Buffered Saline (pH7.4)

Molecular Weight:18.2kDa (158aa) confirmed by MALDI-TOF

Sequences:

MNFGRLHCTTAVIRNINDQVLFDKRPVFEDMTDIDQSASEPQTRLIIYMYKDSEVRGLAVTL SVKDSKMSTLSCK
NKIISFEEMDPPENIDDIQSDLIFFQKRVP GHNKMEFESSLYEGHFLACQKEDDAFKLILKKKDENGDKSVMFTLTNL
HQS

Purity:> 95% by HPLC

Concentration:0.5mg/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.