

IL18, mouse recombinant

CATALOG #: 7326-50 50 µg
7326-100 100 µg

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

SOURCE: E. coli

PURITY: > 90% by SDS-PAGE

MOL. WEIGHT: 20.4 kDa (178 aa, 36-192 aa + His Tag), confirmed by MALDI-TOF.

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

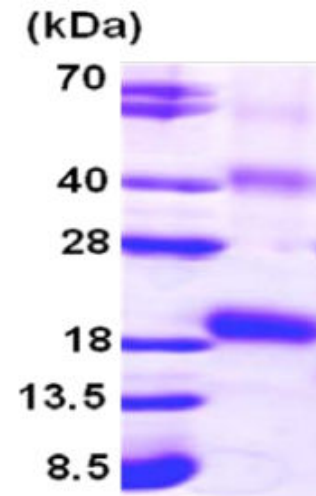
FORM: Liquid

FORMULATION: 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

STORAGE CONDITIONS: 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.

DESCRIPTION: Interleukin 18 (IL-18), previously known as interferon-gamma (IFN-gamma)-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.

AMINO ACID SEQUENCE: MGSSHHHHHH SGLVPRGSH MNFGRLHCTT
AVIRNINDQV LFDVDRQPVF EDMTDIDQSA SEPQTRLIIY MYKDSEVRGL
AVTLSVKDSK MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVPGHN
KMEFESSLYE GHFLACQKED DAFKLILKKK DENGDKSVMF TLTNLHQS



15% SDS-PAGE (3µg)

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RELATED PRODUCTS:

- IRF1, human recombinant (Cat. No. 7321-20, -100)
- IRF2, human recombinant (Cat. No. 7322-20, -100)
- IRF3, human recombinant (Cat. No. 7323-20, -100)
- IL18BP, human recombinant (Cat. No. 7324-20, -100)
- IL1F10, human recombinant (Cat. No. 7325-20, -100)
- IL2, human recombinant (Cat. No. 7327-20, -100)

FOR RESEARCH USE ONLY! Not to be used in humans.