

IL18, mouse recombinant protein
IL-18, IFN-gamma-inducing factor (IGIF), Interleukin-1 gamma
Catalog # PBV10950r**Specification**

IL18, mouse recombinant protein - Product info

Primary Accession	P70380
Concentration	1
Calculated MW	20.4 kDa (178 aa, 36-192 aa + His Tag), confirmed by MALDI-TOF. KDa

IL18, mouse recombinant protein - Additional Info

Gene ID	16173
Gene Symbol	IL18
Other Names	
IL-18, IFN-gamma-inducing factor (IGIF), Interleukin-1 gamma	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MNFGR LHCTT AVIRNINDQV LFVDKRQPVF EDMTDIDQSA SEPQTRLIIY MYKDSEVRGL AVTL SVKDSK MSTLSCKNKI ISFEEMDPPE NIDDIQSDLI FFQKRVP GHN KMEFESSLYE GHFLACQKED DAFKLILKKK DENGDKSVMF TLTNLHQS

Target/Specificity
IL18**Format**
Liquid**Storage**
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.**IL18, mouse recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

IL18, mouse recombinant protein - Images**IL18, mouse recombinant protein - Background**

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.

IL18, mouse recombinant protein - References

Okamura H., et al. Nature 378:88-91(1995).
Rothe H., et al. J. Clin. Invest. 99:469-474(1997).