

Recombinant Mouse Interleukin-18 Binding Protein Isoform d/IL-18 BPd Protein(C-Fc)

Cat.NO.: TP04755

3th Edition

Synonyms:Interleukin 18 Binding Protein Isoform d; IL-18 BPd;Interleukin-18-binding protein;Interferon gamma-inducing factor-binding protein;lgifbp

Description:Interleukin 18 binding protein (IL-18BP) is a physiological inhibitor that acts through binding to the receptor-binding site of IL-18. IL-18 stimulates INF- γ , which then stimulates 18BP production via NF- κ B. The interaction between IL-18 and IL-18BP has a significant role in the inflammation process. IL-18 BPs have four isoforms, a, b, c and d, which are spliced by different ways. The IL-18 BP isoforms a and c each contain one immunoglobulin (Ig)-like C2-type domain which is essential to the binding and neutralizing properties of the binding proteins. The IL-18 BP isoforms b and d lack a complete Ig domain. The expression of IL-18 and the IL-18BP are identified in immune tissues such as the spleen, but also in nonimmune cells including keratinocytes.

Form:PBS

Molecular Weight:45.1 kDa

Sequences:Thr29-Ala193

Purity:> 95% by HPLC

Concentration:

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.