

32-8712: Recombinant Mouse Interleukin-18 Binding Protein Isoform d/IL-18 BPd (C-Fc)(Discontinued)

Gene : Il18bp
Gene ID : 16068
Uniprot ID : Q9Z0M9

Description

Source: Human Cells.

MW :45.1kD.

Recombinant Mouse IL-18 binding protein d is produced by our Mammalian expression system and the target gene encoding Thr29-Ala193 is expressed with a Fc tag at the C-terminus. 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- gamma , which then stimulates 18BP production via NF-?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 indentified in immune tissues such as the spleen, but also in nonimmune cells including keratinocytes.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : TSAPQTTATVLTGSSKDPCCSSWSPAVPTKQYPALDVIWPEKEVPLNGTLTLSCTACSRFPYFSILYWLGNGSFIE HLPGRLKEGHTSREHRNTSTWLHRALVLEELSPTLRSTNFSCLFVDPGVAQYHIILAQLWDGLKTAPSPSQET LSSHSPVSRGAGVAVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVWV DVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSSFFLYSKLT VDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.