

32-7855: Recombinant Human Interleukin-18-Binding Protein/IL18BP (C-Fc)(Discontinued)

Gene : IL18BP
Gene ID : 10068
Uniprot ID : O95998

Description

Source: Human Cells.
MW :44.7kD.

Recombinant Human IL-18 binding protein is produced by our Mammalian expression system and the target gene encoding Thr31-Gly194 is expressed with a Fc tag at the C-terminus. Interleukin-18-binding protein, also known as Tadekinig-alfa and IL18BP, contains 1 Ig-like C2-type domain. IL18BP is constitutively expressed and secreted in mononuclear cells. IL18BP functions as an IL18 inhibitor. IL18BP binds to IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production. It has been shown that IL18BP may be a promising molecular approach to inhibit neointimal hyperplasia and arteriosclerosis progression following coronary and peripheral angioplasty.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.2.
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 : TPVSQTTTAATASVRSTKDPSPQPPVFAAKQCPALEVTWPEVEVPLNGTSLSCVACSRFPNFSILYWLGN
SFIEHLPGRWLWEGSTSRERGSTGTQLCKALVLEQLTPALHSTNFSCVLVDPEQVQRHVLAQLWAGLRATLPP
TQEALPSSHSSPQQQGVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVW
DVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLT
VDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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