

IL-18BP (C-Fc), Human, Recombinant

Cat. No. : PCK181

General Information

Synonyms	Interleukin-18-binding Protein; Tadekinig-alfa and IL18BP;
Species	Human
Expression host	Human Cells
Sequence	Thr31-Gly194
Accession	O95998
Tag	C-Fc
Mol mass	44.8 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	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 sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

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.

SDS-PAGE