

IL-18BP Protein, Cynomolgus (Biotinylated, HEK293, His)

Cat. No.:	HY-P701010
Synonyms:	IL-18BP; Igifbp; Interleukin-18-binding protein
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5UDJ4 (T28-P207)
Gene ID:	107126419
Molecular Weight:	50-65 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μ m filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Interleukin-18 is an interferon (IFN- γ) inducer and a member of the interleukin-1 (IL-1) cytokine family. IL-1 cytokines and their receptors are involved in inflammation, fever, and immune stimulation. IL-18 binding protein is an inhibitor of IL-18, which binds to IL-18 and prevents IL-18 from binding to its receptor, thereby inhibiting IL-18-induced IFN- γ production. IL-18 binding protein is constitutively expressed and secreted in monocytes. IFN- γ can enhance the expression of this protein ^{[1][2]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA