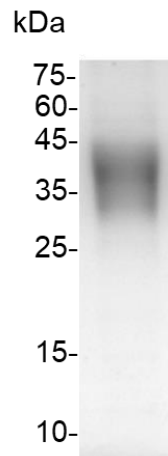


Recombinant Human IL-18BP (IL-18 Binding Protein)

v. 240401

Catalog number	C01201-5UG / C01201-20UG / C01201-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin-18 binding protein (IL-18BP) is a secreted glycoprotein recognized for its pivotal role in immune regulation. By binding to the proinflammatory cytokine IL-18, IL-18BP effectively inhibits its activity, thus modulating T-helper type 1 immune responses. Notably, IL-18BP lacks a transmembrane domain and exhibits constitutive expression across various tissues. Its heightened presence in the intestinal tissues of individuals with Crohn's disease underscores its potential significance in inflammatory conditions.
Source	HEK293
Sequence	MTMRHNWTPDLSPLWVLLLCAHVVTLLVRATPVSQTTTAATASVRSTKDPCPS QPPVFPAAKQCPALEVTWPEVEVPLNGTSLSLSCVACSRFPNFSILYWLGNFSFI EHLPGRLWEGSTSRERGSTGTQLCKALVLEQLTPALHSTNFSCVLVDPEQVVQ RHSVLAQLWAGLRATLPPTQEALPSSHSSPQQQG with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human IL-18BP

For research use only.