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## Product Datasheet

### Recombinant Rat IL-18 Protein, Human ABB-RP01929

Article Name	Recombinant Rat IL-18 Protein, Human
Biozol Catalog Number	ABB-RP01929
Supplier Catalog Number	RP01929
Alternative Catalog Number	ABB-RP01929-50UG, ABB-RP01929-20UG, ABB-RP01929-10UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Rat
Immunogen	His37-Ser194
Product Description	IL-18 ,Pro-inflammatory cytokine primarily involved in epithelial barrier repair, polarized T-helper 1 (Th1) cell and natural killer (NK) cell immune responses. Upon binding to IL18R1 and IL18RAP, forms a signaling ternary complex which activates NF-...
Concentration	< 0.1 EU/µg of the protein by LAL method.
Molecular Weight	18.96 kDa
NCBI	<a href="#">29197</a>
UniProt	<a href="#">P97636</a>
Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Target	IL18
Application Dilute	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Cytokines & Cytokine receptors, Cell Culture related