

Active Recombinant Rhesus / Cynomolgus IL18 protein, His-tagged

Cat. No. IL18-334R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus / Cynomolgus IL18 protein(Q9BGI5)(Tyr37-Asp193) was expressed in E.coli with a polyhistidine tag at the C-terminus.
Species	Rhesus / Cynomolgus
Source	E.coli
ProteinLength	37-193 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Human IL18BP Protein (Fc Tag) at 2 µg/mL (100 µL/well) can bind Recombinant Cynomolgus / Rhesus IL-18 Protein (Cleavage & His Tag), the EC50 is 15-45 ng/mL.
Molecular Mass	The recombinant Cynomolgus / Rhesus IL18 comprises 163 amino acids and has a predicted molecular mass of 19.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol IL18

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