

RPCB1283

## Product Information

<b>Product SKU:</b>	RPCB1283	<b>Gene ID:</b>	29197	<b>Size:</b>	10µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Rat		

## Additional Information

<b>Expression Host:</b>	-	<b>Swissprot:</b>	P97636-1
<b>Purity:</b>	> 90% by SDS-PAGE.		

## Protein Information

**Background:** 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-kappa-B, triggering synthesis of inflammatory mediators. Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells and natural killer (NK) cells. Involved in transduction of inflammation downstream of pyroptosis: its mature form is specifically released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Rat IL-18 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** < 0.1EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.