

Recombinant Rat IL-17A

Cat.No.:MGC196 size:5µg/25µg/500µg

Characteristics:

Source	<i>E.coli</i>
Species	Rat
Tag	Tag free
Description	Rat IL-17A (Ala18-Ser150)
Accession#	Q61453
Predicted molecular mass	~30 kDa, a homodimer of two 133 amino acids polypeptide chains.

Specification:

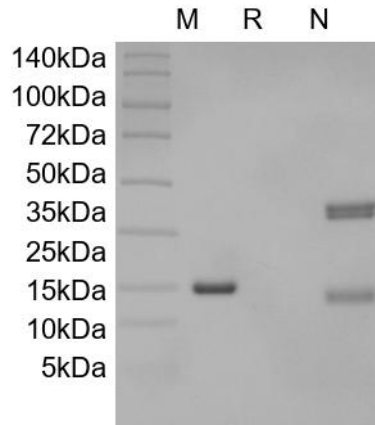
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.01 EU/µg
Activity	The ED ₅₀ as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of ≥ 1.0×10 ⁶ IU/mg.
Formulation	0.2 µm-filtered solution containing 20 mM PB, with 300 mM NaCl, pH 6.5.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

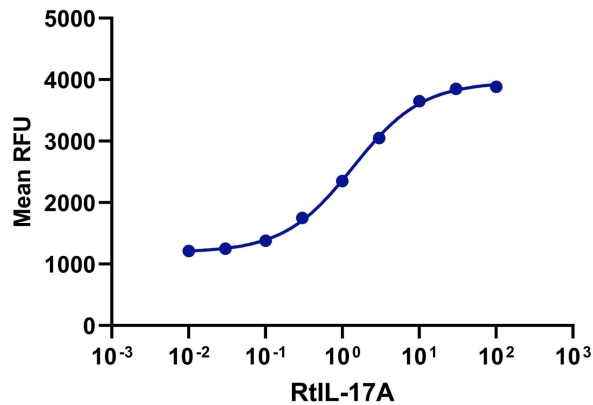
Data:

SDS-PAGE



Recombinant Rat IL-17A (Cat. No. MGC196) SDS-PAGE under reducing (R) & Non-reducing conditions.

Bioactivity



The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of $\geq 1.0 \times 10^6$ IU/mg.

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