

Recombinant Rat IL-6

Cat.No.:MGC195 size:10µg/50µg/500µg

Characteristics:

Source	<i>E.coli</i>
Species	Rat
Tag	Tag free
Description	Rat IL-6 (Phe25-Thr211)
Accession#	P20607
Predicted molecular mass	~21.7 kDa. It is composed of one non-glycosylated polypeptide chain containing 187 amino acids.

Specification:

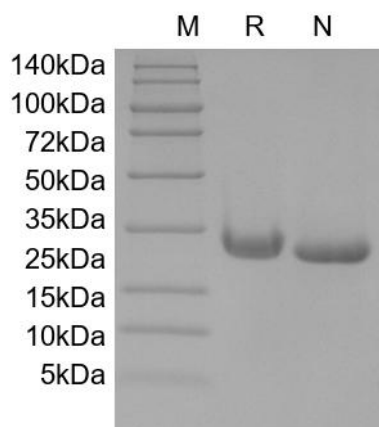
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.1 EU/µg
Activity	The ED50 as determined by a cell proliferation assay using IL-6-dependent murine 7TD1 cells is less than 0.01 ng/ml, corresponding to a specific activity of $\geq 1.0 \times 10^8$ IU/mg.
Formulation	0.2 µm-filtered solution containing 20 mM PB, with 150 mM NaCl, 5% (v/v) Trehalose, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in 10 mM HCl. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL241 (1mL 4mM HCl+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.

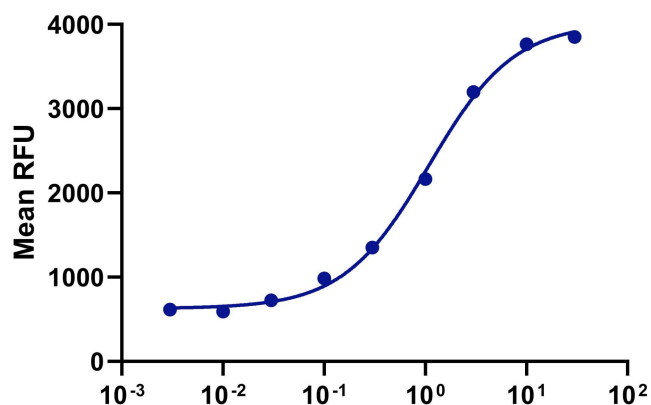
Data:

SDS-PAGE



Recombinant Rat IL-6 (Cat. No. MGC195) SDS-PAGE under reducing (R) & Non-reducing conditions.

Bioactivity



The ED₅₀ as determined by a cell proliferation assay using IL-6-dependent murine 7TD1 cells is less than 0.01 ng/ml, corresponding to a specific activity of $\geq 1.0 \times 10^8$ IU/mg.

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