

Recombinant Rat OSM

Cat.No.:MGC199 size:10μg/50μg/500μg

Characteristics:

Source	<i>E.coli</i>
Species	Rat
Tag	Tag free
Description	Rat OSM (Lys26-Arg239)
Accession#	Q65Z15
Predicted molecular mass	~24.4 kDa. It is composed of one non-glycosylated polypeptide chain containing 215 amino acids.

Specification:

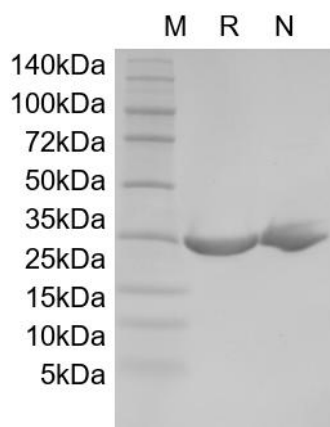
Appearance	Colorless liquid
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Concentration	No less than 10mg/mL, The concentration for a specific batch as shown in the COA
Endotoxin	< 0.1 EU/μg
Activity	The ED50 as determined by a cell proliferation assay using murine NIH-3T3 cells is less than 2.0 ng/ml, corresponding to a specific activity of ≥ 5.0×10 ⁵ IU/mg.
Formulation	0.2 μm-filtered solution containing 2 × PBS, with 0.1% (v/v) Tween-20.

Handling and Storage:

Reconstitution	It is recommended to reconstitute in a sterile aqueous buffer.
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.

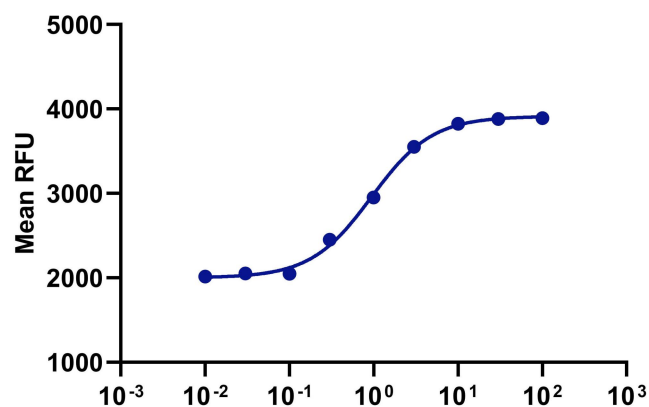
Data:

SDS-PAGE



Recombinant Rat OSM (Cat. No. MGC199) SDS-PAGE under reducing (R) & Non-reducing conditions.

Bioactivity



The ED₅₀ as determined by a cell proliferation assay using murine NIH-3T3 cells is less than 2.0 ng/ml, corresponding to a specific activity of $\geq 5.0 \times 10^5$ IU/mg.

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