
Recombinant Human OSM

Catalog Number : mly05101

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human OSM (Ala26-Arg221)
Accession # P13725

Predicted molecular mass 22 kDa

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 ≤10 EU/mg by the LAL method

Activity Measured in a cell proliferation assay using TF-1 cells. The ED₅₀ for this effect is ≤ 2 ng/mL.

Formulation Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size 50 µg/vial, 1 mg/vial

Handling and Storage:

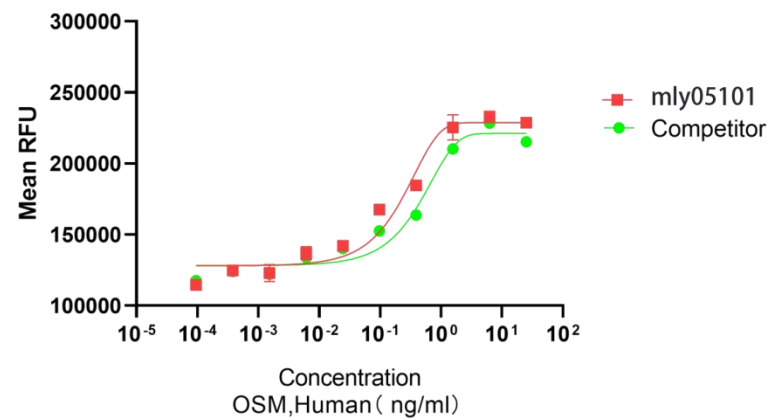
Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping The product is shipped with blue ice

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:

Bioactivity



Human OSM (Cat. No. mly05101) stimulates proliferation of TF-1 cells. The specific activity of Recombinant Human OSM is ≤ 2 ng/mL. The activity of Recombinant Human OSM (Cat. No. mly05101) was higher than the other competing product.