


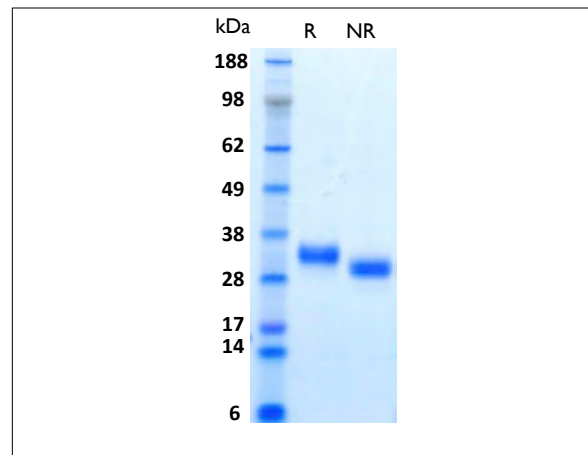
Recombinant Human OSM

Product Description

- Endotoxin-free*
- Animal-derived product free
- Available in Bulk
- High Stability
- Native Quaternary Structure

Xeno-free Oncostatin M^{HuXp} is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 30 kDa. This higher molecular mass is due to glycosylation and is not seen in the E. coli expressed form of this cytokine (22kDa). Glycosylation contributes to stability in cell growth media and other applications. This product is produced in a human cell expression system with serum-free, chemically defined media.

 All HumaXpress[®] HumanKine[™] cytokines are animal-component-free and Xeno-free[™]



Typical Specifications

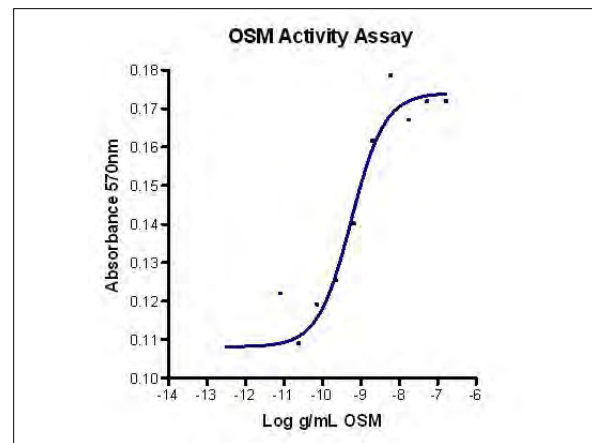
Species Human
Expression HEK293 Cell Expressed
Activity Typically ≤ 10 ng/mL EC₅₀
Purity >95%
Endotoxin <1 EU/ μ g
Molecular Mass 30 kDa, monomer, glycosylated
Formulation 1x PBS

Purity Confirmation

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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