

Data Sheet**Recombinant Human Oncostatin M (rh OSM)**

Preclinical Grade - Order No.: 1423-010 / 1423-050

Source	A DNA sequence encoding the mature form of Oncostatin M protein was expressed in <i>E. coli</i>
Production	Final manufacturing steps and QC are performed in a GMP facility
Molecular mass	The monomeric methionyl form of Oncostatin M contains 197 amino acid residues (Met+Ala26-Arg221 of SwissProt #P13725) and has a molecular mass of approximately 22.1 kDa
Purity	≥ 95%, as determined by SDS-PAGE
Endotoxin level	< 1000 EU/mg, as determined by LAL gel clot test
Activity	> 40 ×10 ⁶ IU/mg calibrated against the 1st International Standard NIBSC, #93/564 Cell proliferation assay using a human factor dependent cell line, TF-1
Sterility	Sterility test of the vial product (direct inoculation)
Formulation	Lyophilized from a 0.2 µm-filtered solution in PBS.
Mass per vial	50 µg or 10 µg, as determined by spectrophotometrical measurement at 280 nm
Transport	Ambient temperature
Storage at	-20 °C or below. Avoid repeated freeze-thaw cycles
Shelf life	3 years from date of shipment

本品は研究用試薬です。治療および診断目的にはご使用できません。

Manufacturer

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