



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



6044 Cornerstone Court W, Ste E  
San Diego, CA 92121  
Tel: 1.858.829.3082  
Fax: 1.858.481.8694  
Email: [info@bpsbioscience.com](mailto:info@bpsbioscience.com)

## Human Oncostatin M

**Catalog #:** 90227-B (10 µg)  
**Lot #:** 150729

**Description:** Recombinant Oncostatin-M is a disulfide-linked homodimeric protein consisting of 228 amino acid residues, and migrates as an approximately 26 kDa protein under non-reducing and reducing conditions in SDS-PAGE. Optimized DNA sequence encoding Human Oncostatin-M mature chain was expressed in *E. coli*.

**Source:** Optimized DNA sequence encoding human Oncostatin M mature chain was expressed in *E. coli*.

**Formulation:** Lyophilized from a 0.2 µm filtered concentrated (1 mg/ml) PBS solution, pH 7.0.

**Reconstitution:** Reconstitute at 0.1-1.0 mg/ml in distilled water. This solution can then be diluted into other buffers. To maximize product collection from vial surface, vortex briefly and then spin down to recollect the liquid.

**Storage:** The lyophilized protein is stable for at least 2 years from date of receipt when stored at -20°C. Upon reconstitution, store in working aliquots at +4°C for up to one month, or at -20°C for up to six months, in the presence of a carrier protein. Avoid repeated freeze/thaw cycles.

**Purity:** ≥95% by SDS-PAGE and HPLC

**Endotoxin Level:** <0.1 ng/µg (1 EU/µg), using the LAL gel clot method.

**Biological Activity:** The ED<sub>50</sub> was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is ≤3 ng/ml, corresponding to a specific activity of ≥2x10<sup>5</sup> units/mg.

### Protein Sequence:

AAIGSCSKEYRVLLGQLQKQTDLMQD  
TSRLDPYIRIQGLDVPKLRHCRERP  
GAFPSEETLRGLGRRGFLQTLNATLG  
CVLHRLADLEQRLPKAQDLERSGLNIE  
DLEKLMARPNIPLGRNNIYCMAQLLD  
NSDTAEPTKAGRGASQPPTPTPASDA  
FQRKLEGCRFLHGYHRFMHSVGRVFS  
KWGESPNRSRRHSPHQALRKGVRRT  
RPSRKGKRLMTRGQLPR

### References:

1. Am. J. Respir. Cell Mol. Biol., May 2009, 40: 620 – 630
2. J. Virol., Apr 2009, 83: 3298 - 3311.
3. Clin. Cancer Res., Mar 2009, 15: 1519 - 1526.

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