



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### OSM (Human) Recombinant Protein

**Catalog Number:** P8994

**Regulation Status:** For research use only (RUO)

**Product Description:** Human OSM (P13725)  
recombinant protein expressed in *Escherichia coli*.

**Sequence:**

AAIGSCSKEYRVLLGQLQKQTDLMQDTSRLLDPYIRIQ  
GLDVPKLREHCRERPGAFPSEETLRGLGRRGFLQTLN  
ATLGCVLHRLADLEQRLPKAQDLERSGLNIEDLEKLQM  
ARNILGLRNNIYCAQLLDNSDTAEPTKAGRGASQP  
PTPTASDAFQRKLEGCRFLHGYHRFMHSVGRVFSK  
WGESPNSRRRHSPHQALRKGVRTRPSRKGKRLMT  
RGQLPR.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 26

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 95% by HPLC and SDS PAGE

**Activity:** The ED<sub>50</sub> as determined by the dose-  
dependant stimulation of Human TF-1 cells is < 2 ng/mL,  
corresponding to a Specific Activity of 500,000 IU/mg.

**Storage Buffer:** PBS pH-7.4.

**Storage Instruction:** Store at -20°C. Aliquot the product  
after reconstitution to avoid repeated freezing/thawing  
cycles.

**Entrez GeneID:** 5008

**Gene Symbol:** OSM

**Gene Alias:** MGC20461

**Gene Summary:** Oncostatin M is a member of a

cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. [provided by RefSeq]