



# 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

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) 

## Datasheet

### Lif (Mouse) Recombinant Protein

Aliquot to avoid repeated freezing and thawing.

**Catalog Number:** P8133

**Entrez GeneID:** 16878

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

**Gene Symbol:** Lif

**Product Description:** Mouse LIF (P09056) recombinant protein expressed in *Escherichia coli*.

**Gene Alias:** -

**Sequence:**

MSPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLNGSA  
NALFISYYTAQGEPFPNNVEKLCAPNMTDFPSFHGNG  
TEKTKLVELYRMVAYLSASLTNITRDQKVLNPTAVSLQ  
VKLNATIDVMRGLLSNVLCRLCNKYRVGHVDVPPVPD  
HSDKEAFQRKKLGCQLLGTQYQVISVVVQAF

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 20

**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 SDS-PAGE  
> 95% RP-HPLC

**Activity:** Activity of murine LIF was determined by the  
M1 cell differentiation assay which was found to be <  
0.01 ng/mL, corresponding to a specific activity of  
100,000,000  
IU/mg.\_x005F\_x005F\_x005F\_x000D\_\_x005F\_x000D\_  
A standard of 50 Units is defined as the concentration of  
mouse LIF in 1.0 mL of tissue culture medium that  
induces the differentiation of 50% of M1 colonies.

**Storage Buffer:** Lyophilized from 20mM Phosphate  
buffer pH-7.4 and 0.02% Tween-20

**Storage Instruction:** Lyophilized although stable at  
room temperature for 3 weeks, should be stored  
desiccated below -20°C. Upon reconstitution should be  
stored at 4°C between 2-7 days and for future use below  
-20°C. For long term storage it is recommended to add a  
carrier protein (0.1% HSA or BSA).