



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

www.szabo-scandic.com

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

Technically
Speaking

CEDARLANE[®]
www.cedarlanelabs.com



Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

Recombinant Mouse TNF α

CLY200-31-5UG
CLY200-31-20UG
CLY200-31-100UG
CLY200-31-500UG
CLY200-31-1MG

Description:

Tumor Necrosis Factor alpha (TNF α) is an inflammatory cytokine secreted by macrophages, monocytes, neutrophils, T cells, NK-cells following their stimulation by bacterial LPS. TNF α activates signals through two receptors, TNF-R1, which is expressed on most cell types, and TNF-R2, which is expressed mainly on immune cells. TNF α can have many functions including the stimulation of phagocytosis in macrophages, to chemoattract neutrophils, to increase insulin resistance and to induce fever.

Presentation:

5 μ g, 20 μ g, or 100 μ g, 500 μ g, or 1 mg, lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5

Source: *E.coli*

Reconstitution:

It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions. **DO NOT VORTEX**. Allow several minutes for complete reconstitution.

Stability:

Lyophilized product is very stable at -20°C. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 °C and avoid repeat freeze thaws.

Purity:

Greater than 95% as determined by reducing and non-reducing SDS-PAGE.

Biological Activity:

Recombinant Mouse TNF α is fully biologically active when compared to standard. The ED₅₀, determined by the cytolysis of mouse L929 cells in the presence of Actinomycin D, is 13-20pg/mL. This corresponds to a specific activity of 7.7 x 10⁷ Units/mg.

AA Sequence:

MLRSSSQNSS DKPVAHVVAN HQVEEQLEWL SQRANALLAN GMDLKDNLV VPADGLYL VY
SQVLFKGGQC PDYVLLTHTV SRFAISYQEK VNLLSAVKSP CPKDTPEGAE LKPWYEPIYL
GGVFQLEKGD QLSAEVNLPK YLDFAESGQV YFGVIAL

For Research Use Only

MW 12/18/2017

Visit our website for your local distributor.

CEDARLANE[®]



www.cedarlanelabs.com

An ISO 9001:2015 and ISO 13485:2016
registered company.

In CANADA: Toll Free: 1-800-268-5058

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644

1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com