

FUJIFILM

Wako

Code No. 200-21621 (50  $\mu$ g)  
206-21623 (1 mg)

**Tumor Necrosis Factor- $\alpha$ , Human,  
recombinant, Animal-derived-free**  
**腫瘍壊死因子- $\alpha$ , ヒト, 組換え体,**  
**動物由来物フリー**  
(rhTNF- $\alpha$ , Animal-derived-free)

Produced using all non-animal reagents.

Source : *E. coli* expressed human tumor necrosis factor- $\alpha$

Formulation : Lyophilized from a 0.2  $\mu$ m filtered solution  
containing 10 mmol/L Sodium Phosphate, pH 7.5.

Molecular weight : 17,500

Biological activity : ED<sub>50</sub> is below 2 ng/mL determined by  
the cytotoxicity of mouse L929 cells in the  
presence of Actinomycin D assay.

Reconstitution : Reconstitute in sterile water at 0.1 mg/mL. *Do  
not vortex.*

This solution can then be diluted into other  
aqueous buffers.

Endotoxin : Below 0.1 EU/ $\mu$ g

**【Expiration date】**

Indicated on the label.

**【Storage】**

Store at -20°C.

**【Package】**

| Code No.  | Packaging  |
|-----------|------------|
| 200-21621 | 50 $\mu$ g |
| 206-21623 | 1 mg       |

**【Caution】**

Centrifuge the vial prior to opening.

Avoid repeated freeze-thaw cycle.

**FUJIFILM Wako Pure Chemical Corporation**

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan  
Telephone : + 81-6-6203-3741  
Facsimile : + 81-6-6201-5964  
<http://fwk.fujifilm.co.jp>

**FUJIFILM Wako Chemicals U.S.A. Corporation**

1600 Bellwood Road  
Richmond, VA 23237  
U.S.A.  
Telephone : + 1-804-271-7677  
Facsimile : + 1-804-271-7791  
<http://www.wakousa.com>

**FUJIFILM Wako Chemicals Europe GmbH**

Fuggerstrasse 12  
D-41468 Neuss  
Germany  
Telephone : + 49-2131-311-0  
Facsimile : + 49-2131-311100  
<http://www.wako-chemicals.de>

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