TNF-α (human), (recombinant) (cell culture grade)

Citations: 5 View Online »

Ordering Information Order Online »

ALX-520-0020	10µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Lyophilized protein is stable at room temperature for a few weeks.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tumor necrosis factor-α, TNFSF 2
Biological Activity	Induces cytolysis of mouse L929 cells in the presence of 1µg/ml Actinomycin D (Prod. No. BML-GR300) (ED_{50} ≤0.05ng/ml).
CAS	94948-59-1
Formulation	Lyophilized from 0.2µm-filtered solution containing mannitol and trehalose.
MI	**14:** 9812
MW	~17kDa.
Purity	≥97% (SDS-PAGE)
Reconstitution	A quick spin is recommended followed by reconstitution in distilled, sterile water to a concentration of 0.1-1mg/ml. For further dilution, add a carrier protein to avoid loss of biological activity.
Source	Produced in yeast.
Specific Activity	≥2×10^7U/mg protein. Determined by standard cell cytotoxicity assay (N. Matthes & M.L. Neale; Lymphokines and Interferons, A Practical Approach; M.J. Clemens et al., eds.; IRL Press, p. 221).
UniProt ID	P01375

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