

Recombinant Human TNF-alpha Protein, Animal Component-Free

Catalog Number: EXRP022-ACF

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

EXREprotein™

More information: info@exreprotein.com

Product Details

Biological Activity Determined by a cell proliferation assay using mouse L-929 cells treated with Actinomycin D. The ED₅₀ for this effect is typically <40 pg/mL.

Purity >98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining

Endotoxin <0.001 EU per 1 µg of the protein as determined by the LAL method

Source Expressed in *E. coli* using an animal component-free system.

Accession Number P01375.1

Sequence Val77-Leu233
VRSSSRTPSD KPVAVHVANP QAEGQLQWLN RRANALLANG VELRDNQLVV PSEGLYLIYS
QVLFKGGQCP STHVLLTHTI SRIAVSYQTK VNLLSAIKSP CQRETPEGAE AKPWYEPIYL
GGVFQLEKGD RLSAEINRPD YLDFAESGQV YFGIIAL

Molecular Weight 17.4 kDa (monomer, predicted)

Formulation Lyophilized from sterile phosphate buffer with Trehalose, pH 8.0

Storage and Preparation

Shipping Shipped at ambient temperature.

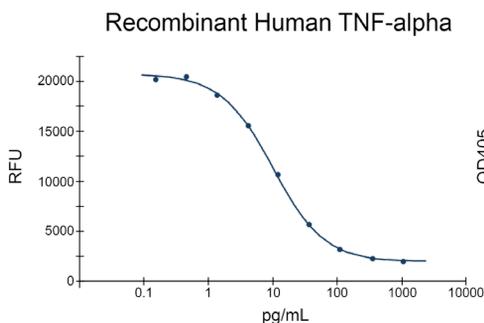
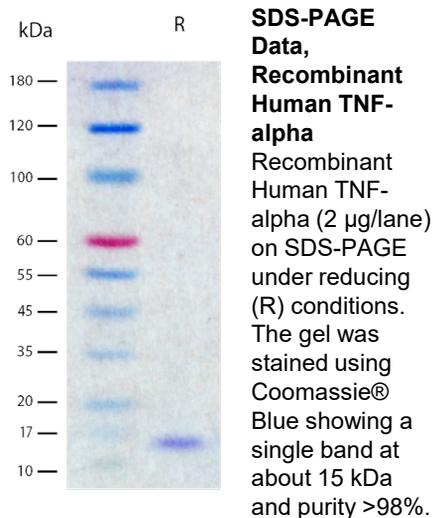
Stability and Storage

- 12 months from date of receipt at -20°C to -70°C, **lyophilized powder**.
- 3 months at -20°C to -70°C under sterile conditions **after reconstitution**.

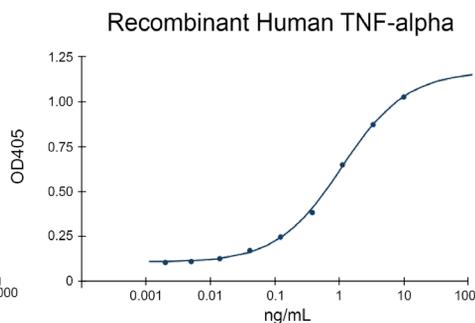
Avoid repeated freeze-thaw cycles.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS. Optionally, use PBS with 0.1% BSA (EXRP053).

Data Images



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HEK293 cells stably transfected with NF-κB-SEAP reporter respond to treatment with TNF-alpha (EXRP022).