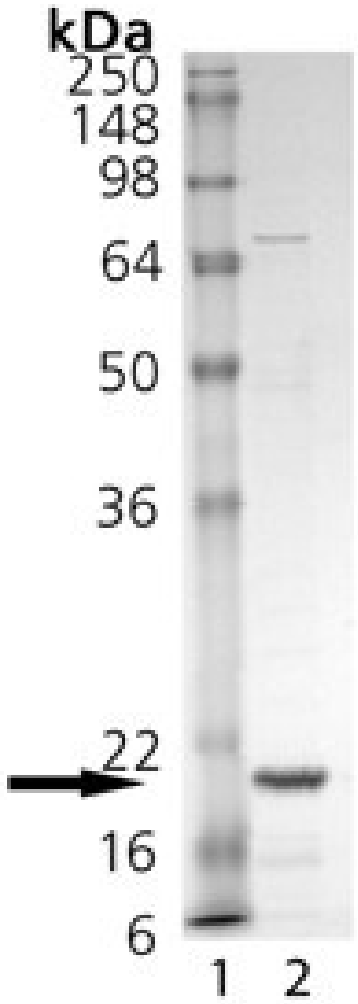
TNF-α (soluble) (mouse), (recombinant)

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ALX-522-009-C050	50µg

Manuals, SDS & CofA View Online »



SDS-PAGE Analysis of TNF-α (soluble) (mouse), (recombinant). Lane 1: MW Marker, Lane 2: 1 µg TNF-α

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tumor necrosis factor-α, TNFSF 2
Application Notes	ELISA: binds to human TNF-R1 receptor.
Concentration	1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/µg purified protein (LAL test; Associates of Cape Cod).
Formulation	Lyophilized. Contains PBS.
Gene/Protein Identifier	A002291 (UCSD Signaling Gateway ID)
MW	~20kDa (SDS-PAGE).
Purity	≥90% (SDS-PAGE)
Reconstitution	Reconstitute with 50µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum.
Source	Produced in *E. coli*. The extracellular domain of mouse TNF-α (tumor necrosis factor-α) (aa 77-235) is fused at the N-terminus to a linker peptide (8 aa) and a FLAG®-tag.
Specificity	Binds to human, mouse and rat TNF-R1 and less efficiently to TNF-R2. In the presence of cross-linking enhancer (see Set Prod. No. ALX-850-061), TNF-α shows a significantly higher affinity for TNF-R2 than for TNF-R1, mimicking the characteristics of membrane-bound TNF-α.

Technical Info / Product Notes	Historical lots have shown that it exerts its biological activity in a concentration range of 0.5-1ng/ml (WEHI 164 cells). FLAG is a registered trademark of Sigma-Aldrich Co.
UniProt ID	P06804

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