



## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>TNF-R1 (human):Fc (human) (recombinant)</b> [TNF-R 60kDa (human):Fc (human) (recombinant); CD120a (human):Fc (human) (recombinant); p55 (human):Fc (human) (recombinant); TNFRSF 1A (human):Fc (human) (recombinant)] M.W. ~ 60 kDa (reducing SDS-PAGE)
<b>PRODUCT NUMBER:</b>	T-1032
<b>LOT NUMBER:</b>	A7645A
<b>SOURCE/HOST:</b>	Produced in HEK 293 cells. The extracellular domain of human TNF-R1 (aa 1-211) is fused to the Fc portion of human IgG1.
<b>CONCENTRATION:</b>	1 mg/ml after reconstitution.
<b>PURITY:</b>	≥ 95% (SDS-PAGE)
<b>ENDOTOXIN CONTENT:</b>	<0.1EU/μg purified protein (LAL test; Bio Whittaker).
<b>FORMULATION:</b>	Lyophilized. Contains PBS.
<b>BIOLOGICAL ACTIVITY:</b>	Binds to TNF-R1 and triggers various biological effects (including cell death). rhTNF-R1:Fc fusion protein blocks TNF-α-mediated lysis with a inhibitory activity in a concentration range of 10-50ng/ml.
<b>RECONSTITUTION:</b>	Reconstitute with 50 μl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or carrier protein.

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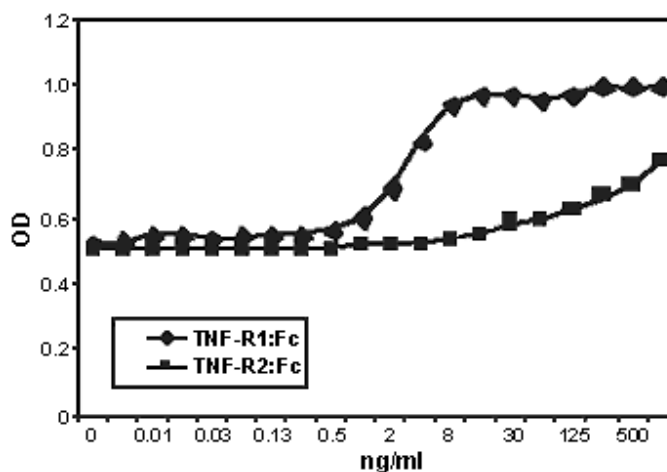
**SPECIFICITY:** Binds human and mouse TNF- $\alpha$  (tumor necrosis factor-a).

**STORAGE & HANDLING:** The product is stable at -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: 

**BACKGROUND/ TECHNICAL INFORMATION:** Swiss-Prot link P19438: TNF-R1 (precursor).



**Figure:** Inhibition of TNF-mediated lysis of WEHI 164 target cells (rhTNF- $\alpha$ ). rhTNF-R1:Fc exerts its inhibitory activity in a concentration range of 10-50ng/ml.