

Recombinant Ferret TNF protein(Val77-Leu233)

Cat. No. TNF-1022F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Ferret (<i>Mustela putorius furo</i>) TNF(A3FBF1) (Val 77-Leu 233) was expressed in <i>E. coli</i> , with an initial Met at the N-terminus.
Species	Ferret
Source	<i>E. coli</i>
ProteinLength	77-233 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The EC ₅₀ for this effect is typically 50-200 pg/ml.
Molecular Mass	The recombinant Ferret TNFα consists of 158 amino acids and has a calculated molecular mass of 17.3 kDa. The apparent molecular mass of the recombinant protein is approximately 16 kDa in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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