

Product Information

Recombinant Human TNFa

Product Information

Catalog#	MK0745H
Product Name	Recombinant Human TNFa
Product Overview	Recombinant human TNF alpha protein (rhTNFa) Val77-Leu233 was produced in human HEK293 cells cells.
Source	HEK293 cells
Species	Human
Tag	N/A
Formulation	Bulk protein in a 0.22 µm filtered solution of PBS, pH 7.4 and delivered as liquid formulation or lyophilized powder. Normally 5-8% trehalose and mannitol are added as protectants before lyophilization.
Protein length	Val77-Leu233
Purity	>98% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Molecular Mass	rhTNFa, without any tag, has a calculated MW of 17.4 kDa expressed. The predicted N-terminus is Val77. Protein migrates as 18 kDa in reduced SDS-PAGE. The gel filtration analysis indicates that only HEK293 cells expressed TNF alpha protein is trimeric form, which has a molecular mass of 54 kDa.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.