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DATA SHEET

Tumor Necrosis Factor-alpha Human Recombinant, Sf9

Item Number	rAP-0796
Synonyms	Tumor Necrosis Factor, TNFA, Tumor Necrosis Factor Ligand Superfamily Member 2, Cachectin, TNF-Alpha, TNFSF2, TNF-A, Tumor Necrosis Factor (TNF Superfamily, Member 2), Tumor Necrosis Factor-Alpha, TNF,
Description	TNF a produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 163 amino acids (77-233a.a.) and having a molecular mass of 18.1kDa. (Molecular size on SDS-PAGE will appear at
Uniprot Accesion Number	P01375
Amino Acid Sequence	VRSSSRTPSD KPVAHVVANP QAEGQLQWLN RRANALLANG VELRDNQLVV PSEGLYLIYS QVLFKGQGCP STHVLLTHTI SRIAVSYQTK VNLLSAIKSP CQRETPEGAE AKPWYEPIYL GGVFQLEKGD RLSAEINRPD YLDFAESGQV YFGIIALHHH HHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Formulation and Purity	TNF a protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined bySDS-PAGE.
Application	
Solubility	
Biological Activity	Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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