

## 32-6558: TNFA Mouse, Sf9

**Alternative Name :** Tnfa, Tnfsf2, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2.

### Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Tumor necrosis factor is a cytokine involved in systemic inflammation and is a member of a group of cytokines that all stimulate the acute phase reaction. TNF is mainly secreted by macrophages. TNF causes apoptotic cell death, cellular proliferation, differentiation, inflammation, tumorigenesis and viral replication, TNF is also involved in lipid metabolism, and coagulation. TNF's primary role is in the regulation of immune cells. Dysregulation and, in particular, overproduction of TNF have been implicated in a variety of human diseases- autoimmune diseases, insulin resistance, and cancer.

TNFA Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 162 amino acids (80-235 a.a.) and having a molecular mass of 18kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). TNFA is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** TNFA protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4).

**Storage condition :** 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). Avoid multiple freeze-thaw cycles.

**Amino Acid :** LRSSSQNSSD KPVAVVANH QVEEQLEWLS QRANALLANG MDLKDNLVV PADGLYLVYS  
QVLFKGQGCP DYVLLTHTVS RFAISYQEKV NLLSAVKSPC PKDTPEGAEL KPWEPIYLG GVFQLEKGDQ  
LSAEVNLPKY LDFAESGQVY FGVIALHHHH HH