

## Mouse-TNF $\alpha$

Cat# BB-PE0175 100 $\mu$ g (1mg/ml)

**Product type:** Murine TNF $\alpha$  extracellular domain

**Source:** Recombinant protein expressed in *E. coli*

**Other Name:** TNFSF1A, TNFSF2

**Protein Sequence:**

LRSSSQNSSDKPVAHVVANHQVEEQLEWLSQRAN  
ALLANGMDLKDNLVVPADGLYLVYSQVLFKGGQC  
PDYVLLTHTVSRFAISYQEKVNLLSAVKSPCKDTPE  
GAELKPWYEPYILGGVFQLEKGDQLSAEVNLPKYLD  
FAESGQVYFGVIAL

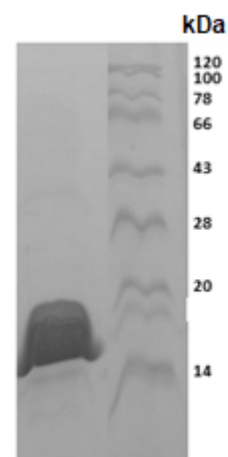
**Purity:** Greater than 98%

**Description:** TNF $\alpha$  is a cytokine that Tumor necrosis factor alpha (TNF- $\alpha$ ), is a member of the TNF superfamily. It is a pleiotropic molecule that plays a central role in inflammation, apoptosis, and immune system development. TNF- $\alpha$  is produced by a wide variety of cell types. Mature extracellular domain of murine TNF- $\alpha$  forms a soluble trimer. TNF- $\alpha$  trimers bind the ubiquitous TNF RI and the hematopoietic cell-restricted TNF RII, both of which are also expressed as homotrimers. TNF- $\alpha$  is a key cytokine in the development of several inflammatory disorders.

**Specificity:** Acts both on human and murine cell lines

**Storage buffer:** Tris Buffer pH 7.4, containing 50% Glycerol without azide.

**Storage:** Store at -20 $^{\circ}$ C (Recommended).



*\*SDS-PAGE analysis of mTNF $\alpha$  (17kDa),*

\* Exp. Date: 12 months upon receiving at proper storage condition as mentioned in datasheet.