

Product Name	Cat. No.	Pack Size
Murine TNFα Protein	# BB-PE0175	100 μg (1μg/μl)

Product type: Murine Tumor Necrosis Factor alpha (TNF α) extra-cellular domain.

Source: Recombinant protein expressed in *E. coli*

Other Name: TNFSF1A, TNFSF2

Protein Sequence:

LRSSSQNSSDKPVAHVVANHQVEEQLEWLSQRANALLANGM
 DLKDNQLVVPADGLYLVSQVLFKGGQCPDYVLLTHTVSRFA
 ISYQEKVNLLSAVKSPCKDTPEGAELKPWYEPIYLGGVFQLE
 KGDQLSAEVLNPKYLDFAESGQVYFGVIAL

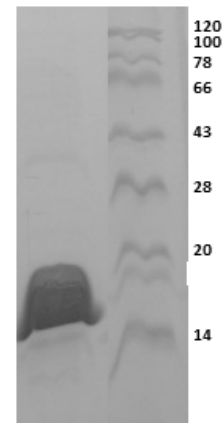
Purity: Greater than 98%

Description: TNF α is a cytokine that Tumor necrosis factor alpha (TNF- α), 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- α is produced by a wide variety of cell types. Mature extracellular domain of murine TNF- α forms a soluble trimer. TNF- α trimers bind the ubiquitous TNF RI and the hematopoietic cell-restricted TNF RII, both of which are also expressed as homotrimers. TNF- α is a key cytokine in the development of several inflammatory disorders.

Specificity: Acts both on human and murine cell lines.

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

Storage instructions: -20°C (Recommended).



**SDS-PAGE analysis of Recombinant murine TNF α (17KDa).*

**Exp. Date: 18 months upon receiving at proper storage & handling conditions*