

Product Name	Cat. No.	Pack Size
Human TNFα Protein	# BB-PE0170	50 μg (1μg / μl)

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

Source: Recombinant protein expressed in *E. coli*

Other Name: TNFSF1A, TNFSF2

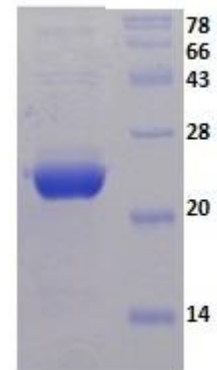
Protein Sequence:

MSTESMIRDVELAEEALPKKTGGPQGSRRCLFLSLFSLIVAGATTLF
 CLLHFGVIGPQREESPRDLSLISPLAQAVRSSSRTPSDKPVAVHVVANP
 QAEGQLQWLNRRANALLANGVELRDNQLVVPSEGLYLIYSQVLFK
 GQGCPSTHVLLTHTISRIAVSYQTKVNLLSAIKSPCQRETPEGAEAKP
 WYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIAL

Purity: Greater than 98% evaluated based on SDS-PAGE

Formulation: Supplied as a 0.2 μ m filtered solution in PBS at 100 μ g (1mg/ml) in sterile PBS containing at least 0.1% human or bovine serum albumin.

Specificity: Acts both on human and murine cell lines.



**SDS-PAGE analysis of Recombinant Human TNF α .*

Description: 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 and immune system development. TNF- α is produced by a wide variety of cell types including lymphoid cells. TNF α matures through separation of the extracellular domain from rest of the molecule. It forms a soluble trimer which binds the trimeric TNF receptor (TNFR). TNF- α is a key cytokine in the development of several inflammatory disorders.

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

Storage instructions: -20°C (Recommended).

*Exp. Date: 18 months upon receiving at proper storage condition as mentioned in datasheet.