TNF alpha **Human, Recombinant, *E. coli***

Cat. No.: RCP9057 **Size:** 10µg

Synonym: Tumour necrosis factor alpha; TNFA; TNFα; Tumour necrosis factor ligand superfamily 2; TNFSF2; Cachectin; Cachexin; APC1 protein; DIF

Description: TNF alpha is a potent pleiotrophic cytokine, produced by white blood cells, endothelium and several other normal and tumour cells in response to a wide variety of stimuli. TNF alpha is involved in the pathophysiological processes of several chronic and acute diseases including the induction of apoptosis and up regulation of inflammation.

RANDOX recombinant TNF alpha comprises a 157 amino acid fragment (77-233) corresponding to the mature soluble TNF alpha chain protein. TNF alpha is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT,
1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

Reference(s):

Carswell, E *et al*., (1975) *Proc. Natl. Acad. Sci* U.S.A. **72 (9)**: 3666-3670.

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