



# AVISCERA BIOSCIENCE

## Human Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ), Soluble form, Recombinant

### Product Information

Code	00109-01-50B
Name	(H) TNF-alpha, Biotinylated
Lot No.	
Size	50 $\mu$ g
Species	Human
Sequence	Human TNF- $\alpha$ (Val <sup>77</sup> -Leu <sup>233</sup> )
Protein ID	NP_000585.2.
Gene ID	NM_000594.3.
MW	19 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	Free
Storage	-20 ° C ~ -70° C
Reconstitution	250 $\mu$ l

### Description

A DNA sequence encoding the soluble form of human tumor necrosis factor- $\alpha$  (Val<sup>77</sup>-Leu<sup>233</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column. The human TNF- $\alpha$  was conjugated with water soluble biotin and purified by microfiltration membrane device NANOSEP 3K.

### Formulation

Lyophilized 50  $\mu$ g of human TNF- $\alpha$  Biotinylated in 100  $\mu$ l of PBS. Carry free.

### Reconstitution & Storage

Add 250  $\mu$ l deionized water to the vial to prepare a working stock solution at 200  $\mu$ g/mL . Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human TNF- $\alpha$  (Val<sup>77</sup>-Leu<sup>233</sup>), soluble form

```
VRSSSRTPSD KPVAVVAVNP QAEGQLQWLN RRANALLANG  
VELRDNQLVV PSEGLYLIYS QVLFKGGQCP STHVLLTHTI  
SRIAVSYQTK VNLLSAIKSP CQRETPEGAE AKPWYEPIYL  
GGVFQLEKGD RLSAEINRPD YLDFAESGQV YFGIIAL
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### ORDER INFORMATION

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