
Product Datasheet

Human Tumor Necrosis Factor-alpha (rHuTNF- α) (orb1495075)

Description

Tumor necrosis factor alpha (TNF- α),

neutrophils, activated l...

Endotoxins

Less than 1EU/mg of rHuTNF- α as determined by LAL method.

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.0.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

VRSSRTPSD KPVAHVVANP
QAEGQLQWLN RRANALLANG
VELRDNQLVVPSEGLYLIYS
QVLFKGQGCP STHVLLTHI
SRIAVSYQTK VNLLSAIKSP
CQRETPEGAE AKPWYEPIYL
GGVFQLEKGD RLSAEINRPD
YLDFAESGQV YFGIIAL

Source

Escherichia coli.

MW

Approximately 17.5 kDa. The recombinant protein preparation is a mixture of a 158 amino acid residue form containing an N-terminal methionine and a 157 amino acid residue form with the sequence of