



BOSTON
CELLRON

Product Manual

TNF-alpha (recombinant human protein)

Catalog #

Quantity

P1005

10/50/1000 µg

Alternative name

Tumor Necrosis Factor- α , TNF- α

Description

Tumor Necrosis Factor- α (TNF- α) is a potent cytokine mainly produced by macrophages, and other cells, including CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. TNF- α plays an important role in inflammation, immune modulation, antitumor activity and hematopoiesis. There are two receptors of TNF- α , TNFR1 and TNFR2. TNF- α is primarily expressed as a 233aa-long transmembrane protein. Then, the soluble 17kDa TNF- α is cleaved with TNF- α converting enzyme (TACE) and forms mature and stable homotrimers.

Uniprot number

P01375

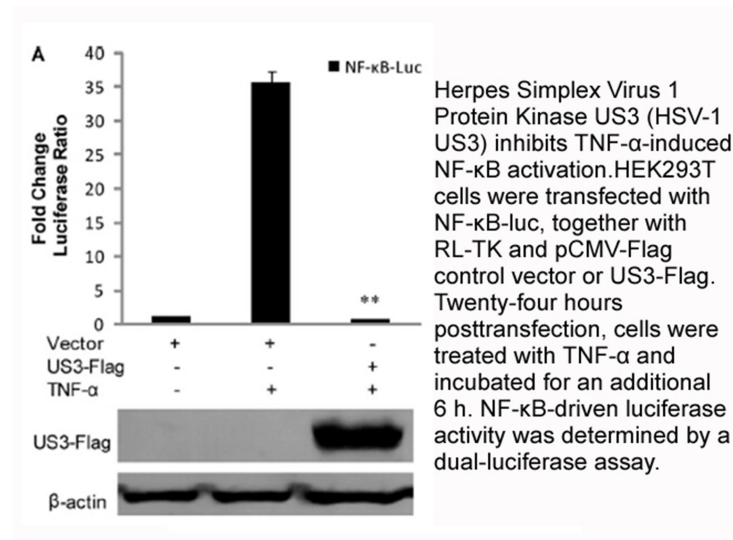
Expressed in

E.coli

Molecular Weight

17.4 kDa

Related biological data



Storage

Store at -20°C

Appearance

Lyophilized powder

Boston Cellron Technology

Website: www.cellron.com; Email: sales@cellron.com



BOSTON
CELLRON

Product Manual

| | |
|------------------------|--|
| Formulation | Lyophilized from a solution of 3 mM Tris, pH 8.0. |
| Purity | ≥95%, determined by SDS-PAGE |
| Endotoxin conc. | <0.1 ng/μg |
| Note | For laboratory research only. Not for clinical applications. |

For technical questions, please email us at support@cellron.com.

For bulk order, please contact sales@cellron.com.

Boston Cellron Technology

Website: www.cellron.com; Email: sales@cellron.com