

# **Recombinant Human TL-1A**

Catalog # PBG10450

# Specification

### Recombinant Human TL-1A - Product Information

### Recombinant Human TL-1A - Additional Information

# **Description**

TL-1A belongs to the TNF superfamily of ligands. It is expressed predominantly in endothelial cells, and to a lesser extent in placenta, lung, kidney, skeletal muscle, pancreas, small intestine and colon. TL-1A inhibits endothelial cell proliferation and angiogenesis, and has been shown to induce NFkB activation, caspase activity, and apoptosis in responding cell lines. TL-1A interacts with TNFRSF25/DR3 receptor, but can also bind to a decoy receptor TNFRSF21/DR6. Recombinant human TL-1A is a 22.0 kDa polypeptide of 194 amino acid residues.

# **Biological**Activity

Determined by its ability to stimulate IFN- $\gamma$  production by human PBMC using a concentration range of 10.0-100.0 ng/ml. <strong>Note:</strong> Results may vary with PBMC donors.

# **Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

### **Endotoxin**

Endotoxin level is  $<0.1 \text{ ng/} \mu\text{g}$  of protein ( $<1\text{EU/} \mu\text{g}$ ).

## **Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

### Storage

-20°C

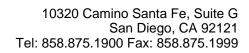
## **Precautions**

Recombinant Human TL-1A is for research use only and not for use in diagnostic or therapeutic procedures.

# **Recombinant Human TL-1A - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture





**Recombinant Human TL-1A - Images**