

# **Recombinant Human TWEAK Receptor**

Catalog # PBG10465

# **Specification**

## **Recombinant Human TWEAK Receptor - Product Information**

## **Recombinant Human TWEAK Receptor - Additional Information**

## **Description**

TWEAKR belongs to the TNF family of transmembrane proteins and contains a cytoplasmic "death domain", which can activated the cell's apoptotic machinery. It is expressed in the spleen, thymus, peripheral blood lymphocytes, colon, and small intestine. Signal transduction by TWEAKR can be activated by either the membrane anchored or the soluble TWEAK. Recombinant soluble TWEAKR is a 53 amino acid polypeptide (5.6 kDa) comprising the entire extracellular domain of the full length TWEAKR protein.

## **Biological**Activity

Determined by its ability to inhibit TWEAK-induced weak cell death of HT29 cells. The expected <strong>ED</strong><sub>50</sub> for this effect is 1.0-3.0  $\mu$ g/ml.

### **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

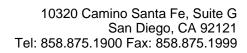
#### **Precautions**

Recombinant Human TWEAK Receptor is for research use only and not for use in diagnostic or therapeutic procedures.

# **Recombinant Human TWEAK Receptor - 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 TWEAK Receptor - Images**