

## Recombinant Human sTRAIL Receptor-1

Catalog # PBG10430

# Specification

## Recombinant Human sTRAIL Receptor-1 - Product Information

# Recombinant Human sTRAIL Receptor-1 - Additional Information

## **Description**

TRAIL Receptor-1/DR4 and TRAIL Receptor-2/DR5 belong to the TNFR superfamily of transmembrane proteins and contain a cytoplasmic "death domain, " which can activate the cell's apoptotic machinery. These receptors are activated by binding to either membrane anchored or soluble TRAIL/Apo2L. Recombinant human soluble TRAIL Receptor-1/DR4 is a 22.7 kDa protein (215 amino acid residues) consisting of the TNFR homologous, cysteine rich portion of the extracellular domain.

## **Biological Activity**

Measured by its ability to inhibit apoptosis in LN-18 cells. The expected ED<sub>50</sub> for this effect is 0.4 -0.5  $\mu$ 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

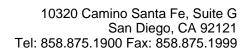
### **Precautions**

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

# Recombinant Human sTRAIL Receptor-1 - 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 sTRAIL Receptor-1 - Images