

**Recombinant Human sTRAIL Receptor-2**  
**Catalog # PBG10461****Specification**

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**Recombinant Human sTRAIL Receptor-2 - Product Information****Recombinant Human sTRAIL Receptor-2 - 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-2/DR5 is a 14.9 kDa protein (133 amino acid residues) consisting of the TNFR homologous, cysteine rich portion of the extracellular domain.

**Biological Activity**

sTRAIL Rec 2 reduced the production of LPS-induced TNF by its ability to neutralize endogenous TRAIL in fresh human PBMC. In this assay, endogenous TRAIL is induced during a 24 hour exposure to LPS (10 ng/mL) but in the presence of sTRAIL Rec 2, TRAIL-induced TNF is suppressed.

**Authenticity**

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

**Endotoxin**

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

**Protein Content**

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

**Storage**

-20°C

**Precautions**

Recombinant Human sTRAIL Receptor-2 is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human sTRAIL Receptor-2 - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## **Recombinant Human sTRAIL Receptor-2 - Images**