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Recombinant Human sTRAIL Receptor-2

Catalog # PBG10461

Specification

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.

BiologicalActivity
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 Cytomety

- Cell Culture

Recombinant Human sTRAIL Receptor-2 - Images