

## 32-20495: Recombinant Human sTRAIL Receptor-2(Discontinued)

**Alternative Name :** soluble TRAIL Receptor-2, DR5, TNFRSF10B, KILER, TRICK2A, TRICKB

### Description

**Source:** **E.coli**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. The DR4 and DR5 receptors are both produced as type I transmembrane proteins, which contain an extracellular domain, a transmembrane domain, and a cytoplasmic domain. The recombinant soluble forms of DR4 and DR5 consist of the TNFR-homologous, cysteine-rich portion of their respective extracellular domains. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MESALITQQD LAPQQRVAPQ QKRSSPSEGL CPPGHHISED GRDCISCKYG QDYSTHWNDL LFCLRCTRCD  
SGEVELSPCT TTRNTVCQCE EGTFREEDSP EMCRCRTGC PRGMVKVGDC TPWSDIECVH KES

### Application Note

Determined by its ability to inhibit apoptosis induced by Human sTRAIL/Apo2L in LN-18 cells (human glioblastoma cells).