

## PRODUCT INFORMATION SUMMARY

### Human sTRAIL Receptor-2

Purified Factor	Product Number	HC66636	50.0 ug
	Product Number	HC66636A	10.0 ug

#### DESCRIPTION:

Human TRAIL receptors ( 1 and 2) are TNFR proteins involved in apoptosis ( cell death). These receptors are activated with binding to ligand TRAIL/apo2L. is a cytokine factor that induces apoptosis in tumor cells. Human sTRAIL Receptor-2 is also known as DR5, TNFRSF10B, and TRICK2A -(B), and is a 14.9 kDa protein, and contains the cysteine-rich portion of the extracellular domain, 133 aa. residues.

#### SOURCE:

E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug TRAIL-R2  
Sterile filtered and lyophilized, additive-free.

#### BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by ability to inhibit IL-8 production in human PBMC with sTRAIL/apo2L. Half maximal inhibition at approximately 1.0 ug/mL sTRAIL Receptor-2.

#### HANDLING AND STORAGE:

Purified sTRAIL Receptor factor is provided sterile-filtered and lyophilized from PBS (pH 7.5) with no additives. Store lyophilized, at -20° C. Upon reconstitution to concentration of 100 ug/mL, with **sterile or distilled water**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, with addition of 0.1% BSA, for long-term storage - up to 3 months, at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**