

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human TRAIL (Apo2L)

Purified Factor	Product Number	HC88883B	50.0 ug
		HC88883A	10.0 ug

DESCRIPTION:

Human TNF-Related Apoptosis Inducing Ligand (TRAIL) is a cytokine factor that induces apoptosis in tumor cells. It is also known as Apo-2-Ligand. Human TRAIL is a 19.6 kDa protein, and contains the full length of the extracellular domain.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug TRAIL

Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by ability to induce apoptosis of human prostate cancer cells (LANCap cells) with 0.1 ug/mL TRAIL after 48 hrs. Stimulation of IL-8 production (half-maximal) by human PBMC is 10.0 ng/mL.

HANDLING AND STORAGE:

Purified TRAIL factor is provided sterile-filtered and lyophilized from PBS (pH 7.5) with no additives. Store lyophilized, at -20° C. Upon reconstitution with 100 uL **sterile water**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, 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