

Recombinant Human TRAIL/Apo2 Ligand

CATALOG #:	4354-10	10 µg
	4354-50	50 µg
	4354-1000	1 mg
SOURCE:	<i>E. coli</i>	
PURITY:	>95% by SDS-PAGE	
ENDOTOXIN:	<0.1 ng per µg of TRAIL.	
MOL. WEIGHT:	19.8 kDa (167 aa, 115-281)	
FORM:	Lyophilized	
FORMULATION:	Sterile Filtered lyophilized (freeze-dried) powder from 50 mM Tris, 100 mM NaCl, pH 8.0.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 20°C for future use.

STORAGE CONDITIONS:

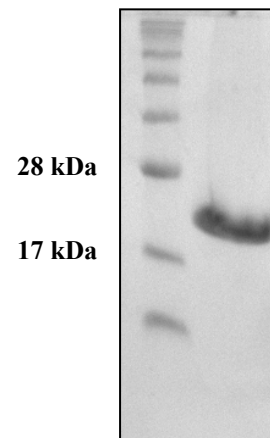
The lyophilized human TRAIL/Apo2L is best-stored desiccated below 0°C. Reconstituted TRAIL/Apo2L should be stored in working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (0.1% BSA). Prevent freeze/thaw cycles.

DESCRIPTION:

Human TRAIL (TNF-Related Apoptosis Inducing Ligand), also called Apo2 Ligand (Apo2L), is a cytotoxic protein that activates rapid apoptosis in tumor cells, but not at normal cells. The recombinant human TRAIL/Apo2L is a single polypeptide chain containing 168 amino acids and has a molecular mass of 19.6 kDa.

BIOLOGICAL ACTIVITY:

The activity is determined by its ability to induce apoptotic cell death in TRAIL-sensitive U343MG cells. The ED₅₀ for the effect is 1-3 ng/ml.



SDS-PAGE (15%) of purified TRAIL/Apo2 Ligand
Lane 1: Marker.
Lane 2: TRAIL/Apo2 Ligand – 20 µg

RELATED PRODUCTS:

- TRAIL Antibody (Cat. No. 3045-100)
- TRAIL Antibody (Cat. No. 5354-100)
- TRAIL/Apo2L, human recombinant (Cat. No. 4354-10, -50, -1000)
- sTRAIL Receptor-2, human recombinant (Cat. No. 4568--50)

FOR RESEARCH USE ONLY! Not to be used on humans.