

TRAIL/APO 2 Ligand (114-281 a.a.) Human Recombinant, Active

Item Number	rAP-0756
Synonyms	Tumor necrosis factor ligand superfamily member 10, TNF-related apoptosis-inducing ligand, Protein TRAIL, Apo-2 ligand, Apo-2L, CD253 antigen, TL2, APO2L, TNFSF10.
Description	Soluble TNF-related apoptosis-inducing ligand Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (114-281) and having a molecular mass of 19.6 kDa.
Uniprot Accesion Number	P50591
Amino Acid Sequence	MVRERGPQRV AAHITGTRGR SNTLSSPNSK NEKALGRKIN SWESSRSGHS FLSNLHLRNGELVI-HEKGFY YIYSQTYFRF QEEIKENTKN DKQMVQYIYK YTSYPDILL MKSARNSCWSKDAEYGLYSI YQGGIFELKE NDRIFVSVTN EHLIDMDHEA SFFGAFLVG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless liquid. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TRAIL protein solution (1mg/ml) containing 20mM Tris-HCl pH-7.5, 300mM NaCl, 0.1mM DTT & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Measured in a cell cytotoxicity assay using Jurkat human T lymphocyte. The ED50 for this effect is less or equal to 1 ng/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**