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## Product Datasheet

### Recombinant Human TRAIL EBT-EPT141

Article Name	Recombinant Human TRAIL
Biozol Catalog Number	EBT-EPT141
Supplier Catalog Number	EPT141
Alternative Catalog Number	EBT-EPT141-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human TNF-Related Apoptosis-Inducing Ligand is produced by our E.coli expression system and the target gene encoding Arg115-Gly281 is expressed....
Molecular Weight	Molecular weight: 19.5 KDa. Apparent molecular weight: 16 KDa, reducing conditions
UniProt	<a href="#">P50591</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Application Notes	Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Human TNFSF10 is a type II transmembrane protein with an intracellular N-terminus and a 'TNF homology domain (THD) at the extracellular C terminus. TNFSF10 can interact with several distinct receptors. Two of these receptors that belongs to TNFR superfamily, DR4 (TRAIL-R1) and DR5 (TRAIL-R2/TRICK2), are plasma membrane proteins containing intracellular death domains essential for activating apoptosis. TNFSF10 is promising for cancer therapy because it is cytotoxic and activates apoptosis in the majority of malignant cells, but not in normal cells