

## TNFRSF10A

### Human Recombinant TRAIL Receptor 1, soluble

<b>Catalog No.</b>	CRT501B	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	Tumor necrosis factor receptor superfamily member 10A, TNFRSF10A, Death receptor 4, DR4, TRAIL-R1, CD261		
<b>Description:</b>	TRAIL Receptor-1/DR4 and TRAIL Receptor-2/DR5 belong to the TNFR superfamily of transmembrane proteins and contain a cytoplasmic "death domain," which can activate the cell's apoptotic machinery. These receptors are activated by binding to wither membrane anchored or soluble TRAIL/Apo2L. Recombinant human soluble TRAIL Receptor-1 comprises the TNFR homologous, cysteine rich portion of the extracellular domain.		
<b>UniProt ID:</b>	O00220		
<b>Gene ID:</b>	8797		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	22.7 kDa (215 aa)		
<b>Formulation:</b>	Lyophilized		
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	< 1 EU/µg		
<b>Biological Activity:</b>	ED <sub>50</sub> typically 0.4-0.5 µg/ml, determined by the ability to inhibit apoptosis in LN-18 cells.		
<b>Amino Acid Sequence:</b>	MSGTGAAAAT PSKVWGSSAG RIEPRGGGRG ALPTSMGQHG PSARARAGRA PGPRPAREAS PRLRVHKTFK FVVVGVLLQV VPSSAATIKL HDQSIGTQQW EHSPLGELCP PGSHRSERPG ACNRCTEGVG YTNASQQLFA CLPCTACKSD EEERSPCTTT RNTACQCKPG TFRNDNSAEM CRKCSTGCPR GMVKVKDCTP WSDIECVHKE SGNGHN		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with PBS to a concentration of not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted into other buffered solutions such as PBS pH 7.0.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

