

## TRAIL Receptor-1 Human Recombinant Fc

<b>Item Number</b>	rAP-0792
<b>Synonyms</b>	Tumor Necrosis Factor Receptor Superfamily Member 10a, TRAILR1, APO2, DR4, TNF-Related Apoptosis -Inducing Ligand Receptor 1, Death Receptor 4, TRAIL Receptor 1, TRAIL-R1, Tumor Necrosis Factor Receptor Superfamily Member 10a Variant 2, Tumor Necrosis Fact
<b>Description</b>	TRAIL R1 Fc Human Recombinant (24-240) produced in E.Coli is a non-glycosylated, disulfide-linked homodimer containing two polypeptide chains of 217 amino acids each and having a molecular mass of 41kDa [including tag] each chain. TRAILR1 is fused to a 236 amino acid Fc tag at C-terminal and purified
<b>Uniprot Accesion Number</b>	O00220
<b>Amino Acid Sequence</b>	ASGTEAAAAT PSKVWGSSAG RIEPRGGGRG ALPTSMGQHG PSARARAGRA PGPRPAREAS PRLRVHKTFK FVVVGVLLQV VPSSAATIKL HDQSIGTQQW EHSPLGELCP PGSHRSERPG ACNRCT- EGVG YTNAASNLLFA CLPCTACKSD EEERSPCTTT RNTACQCKPG TFRNDNSAEM CRKCSTGCPG GMVKVKDCTP WSDIECVHKE SGNGHNIEGR MDPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKD- TLMIS RTPEVTCVVV DVSHEDEPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized TNFRSF10A although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TRAIL-R1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Lyophilized from a 0.2µm filtered solution in PBS. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized TNFRSF10A in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	The ED50, as measured by its ability to inhibit Trail-mediated cytotoxicity in mouse L-929 cells, is less than 1.25ng/ml.
<b>Shipping Format and Condition</b>	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**