

TRAIL Receptor-1 Human Recombinant Fc

Item Number	rAP-0792
Synonyms	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
Description	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
Uniprot Accesion Number	O00220
Amino Acid Sequence	ASGTEAAAAT PSKVWGSSAG RIEPRGGGRG ALPTSMGQHG PSARARAGRA PGPRPAREAS PRLRVHKTFK FVVVGVLQV VPSSAATIKL HDQSIGTQQW EHSPLGELCP PGSHRSERPG ACNRCT- EGVG YTNASNNLFA CLPCTACKSD EEERSPCTTT RNTACQCKPG TFRNDNSAEM CRKCSTGCPR GMVKVKDCTP WSDIECVHKE SGNHNIIEGR MDPKSCDKTH TCPPCAPEL LGGPSVFLFP PKPKD- TLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	Lyophilized from a 0.2µm filtered solution in PBS. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	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.
Biological Activity	The ED50, as measured by its ability to inhibit Trail-mediated cytotoxicity in mouse L-929 cells, is less than 1.25ng/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 ender users! This product is sold for **Research Use Only**