

Human TNFRSF10A Fc Recombinant Protein



RPPB1025

Product Information Protein Information

Product SKU:

RPPB1025

Accession:

O00220

Host:

Escherichia Coli.

Protein 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 by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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 Factor Receptor Superfamily Member 10A, Cytotoxic TRAIL Receptor, CD261 Antigen, TRAILR-1, CD261, TNFRSF10A.

Formulation:

Lyophilized from a 0.2µm filtered solution in PBS.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

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.

Stability:

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.

Amino Acid Sequence:

ASGTEAAAAAT PSKVWGSSAG RIEPRGGGGRG ALPTSMGQHG PSARARAGRA PGPRPAREAS PRLRVHKTFK
FVVVGVLLQV VPSSAATIKL HDQSIGTQQW EHSPLGELCP PGSHRSERPG ACNRCTEGVG YTNASNNLFA
CLPCTACKSD EEERSPCTTT RNTACQCKPG TFRNDNSAEM CRKCSTGCPR GMVKVKDCTP WSDIECVHKE
SGNGHNIAGR MDPKSCDKTH TCPPEAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK
FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR
EPQVYTLPPS RDELTKNQVS LTCLVKGFPY SDIAVEWESN GQPENNYKTT PPVLDSDGSF FLYSKLTVDK
SRWQQGNVFS CSVMHEALHN HYTKLSLS PGK.

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.