

HUMAN TNFRSF10A PROTEIN, HFC TAG**Cat.#:** 11722**Product Name:** Human TNFRSF10A Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** APO2;CD261;DR4;TRAILR-1;TRAILR1**Target:** TNFRSF10A**UNIPROT ID:** O00220**Description:** Recombinant human TNFRSF10A protein with C-terminal human Fc tag**Background:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 49.28 kDa after removal of the signal peptide.**Molecular Characterization:** TNFRSF10A (Ala24-Asn239) hFc (Glu99-Ala330)**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.