9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-20488: Recombinant Human sTRAIL/Apo2L(Discontinued)

Reactivity : Chicken, Human, Mouse,
Alternative Name : TNF-Related Apoptosis-Inducing Ligand, TNFSF10, Apo2 Ligand, TL2

Description

Source:E.coliTRAIL/Apo2L is a cytotoxic protein, which activates rapid apoptosis in tumor cells, but not in normal cells. TRAIL-induced apoptosis is achieved through binding to two death-signaling receptors, DR4 and DR5. These receptors belong to the TNFR superfamily of transmembrane proteins, and contain a cytoplasmic "death domain", which activates the cell's apoptotic machinery. The full length human TRAIL/Apo2L is a 281 amino acid protein, consisting of a 17 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 243 amino acid extracellular domain. Recombinant Human soluble TRAIL/Apo2L is a 168 amino acid polypeptide (19.6 kDa), consisting of the TNF-homologous portion of the extracellular domain of the full length TRAIL/Apo2L protein.

Product Info

Amount : 10 µg / 50 µg
Purification : Purity:>= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MRERGPQRVA AHITGTRGRS NTLSSPNSKN EKALGRKINS WESSRSGHSF LSNLHLRNGE LVIHEKGFYY IYSQTYFRFQ EEIKENTKND KQMVQYIYKY TSYPDPILLM KSARNSCWSK DAEYGLYSIY QGGIFELKEN DRIFVSVTNE HLIDMDHEAS FFGAFLVG

Application Note

Assay#1:Determined by its ability to induce apoptotic cell death in TRAIL-sensitive U343MG cells. The expectedÃ□Â ED_{50}Ã□Â for this effect is 1.0-3.0 ng/ml.Ã□Â Assay#2:Measured by its ability to induce apoptosis in LN-18 cells (human glioblastoma cells). The expectedÃ□Â $ED_{50}$for this effect is 0.8 - 2.0 ng/ml.Ã□Â

For Research Use Only. Not for use in diagnostic/therapeutics procedures.