

32-17882: Recombinant Human TNFSF15 Protein, hFc Tag

Uniprot ID : O95150
Alternative Name : TL1, VEGI

Description

Molecular Characterization: hFc(Glu99-Ala330) TNFSF15(Leu72-Leu251)

Molecular weight: The protein has a predicted molecular mass of 46.6 kDa after removal of the signal peptide. The apparent molecular mass of hFc-TNFSF15 is approximately 35-55kDa due to glycosylation.

Description: Recombinant human TNFSF15 protein with N-terminal human Fc tag

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. Two transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.