

32-18124: Recombinant Human TNFRSF1B Protein, hFc Tag

Uniprot ID : P20333

Alternative Name : CD120b; p75; p75TNFR; TBPII; TNF-R-II; TNF-R75; TNFBR; TNFR1B; TNFR2; TNFR80

Description

Molecular Characterization: TNFRSF1B(Leu23-Asp257) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 51.3 kDa after removal of the signal peptide. The apparent molecular mass of TNFRSF1B-hFc is approximately 55-70kDa due to glycosylation.

Description: Recombinant Human TNFRSF1B Protein with C-terminal human Fc tag

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

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.