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32-17378: Recombinant human TNFRSF1A protein with C-terminal human Fc tag

Uniprot ID : P19438

Alternative Name : CD120a; FPF; p55; p55-R; p60; TBP1; TNF-R; TNF-R-I; TNF-R55; TNFAR; TNFR1; TNFR55; TNFR60

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 45.54 kDa after removal of the signal peptide. The apparent molecular mass of TNFRSF1A-hFc is approximately 55-70 kDa due to glycosylation

This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)
Amino Acid :	TNFRSF1A?Leu30-Thr211?+ hFc?Glu99-Ala330?

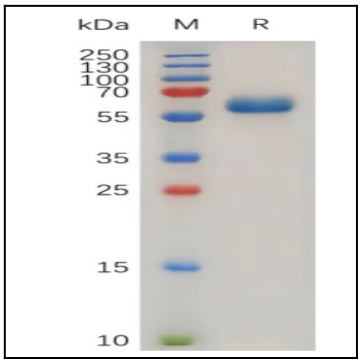

Figure 1: Human TNFRSF1A protein with hFc Tag ran on SDS-Page under reducing condition.