

32-18339: Human ST2 Protein, His Tag

Uniprot ID : Q01638

Alternative Name : T1; IL1RL1; DER4; ST2L; ST2V; FIT-1; IL33R

Description

Description : Recombinant human ST2 Protein with C-terminal 6 \times His tag

Background : The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants.

Molecular Characterization: mass of 35.8 kDa after removal of the signal peptide. The apparent molecular mass of ST2-His is approximately 35-70 kDa due to glycosylation.

Tag : C-6 \times His tag

Product Info

Amount : 50 μ g / 100 μ g

Purification : The purity of the protein is greater than 85% 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 -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.

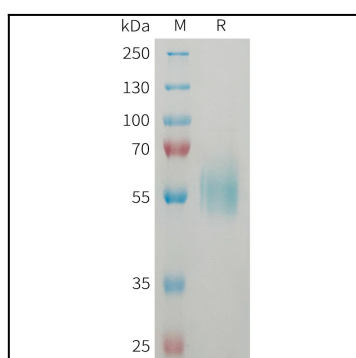


Figure 1. Human ST2 Protein, His Tag on SDS-PAGE under reducing condition.