

MOUSE TSLP PROTEIN, HFC TAG

目录: 12212

产品名称: Mouse TSLP Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: TSLP

Target: TSLP

UNIPROT ID: Q9JIE6

描述: Recombinant mouse TSLP protein with C-terminal human Fc tag

背景: Enables cytokine activity. Predicted to be involved in several processes, including defense response to other organism; positive regulation of cytokine production; and positive regulation of signal transduction. Predicted to be located in extracellular region. Is expressed in ductus deferens; epididymis; ileum; and testis. Used to study atopic dermatitis; autoimmune hemolytic anemia; cryoglobulinemia; and membranoproliferative glomerulonephritis. Orthologous to human TSLP (thymic stromal lymphopoietin). [provided by Alliance of Genome Resources, Apr 2022]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 40.1 kDa after removal of the signal peptide. The apparent molecular mass of mTSLP-hFc is approximately 35–55 kDa due to glycosylation.

Molecular Characterization: Mouse TSLP(Tyr20–Glu140) hFc(Glu99–Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

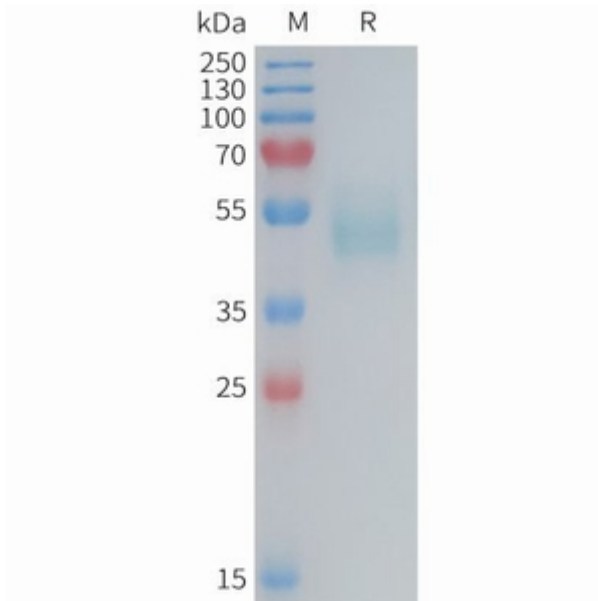


Figure 1. Mouse TSLP Protein, hFc Tag on SDS-PAGE under reducing condition.