

MOUSE TSLP PROTEIN, HFC TAG**Cat.#:** 12212**Product Name:** Mouse TSLP Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** TSLP**Target:** TSLP**UNIPROT ID:** Q9JIE6**Description:** Recombinant mouse TSLP protein with C-terminal human Fc tag**Background:** 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)**Purity:** 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.**Storage & Shipping:** 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.

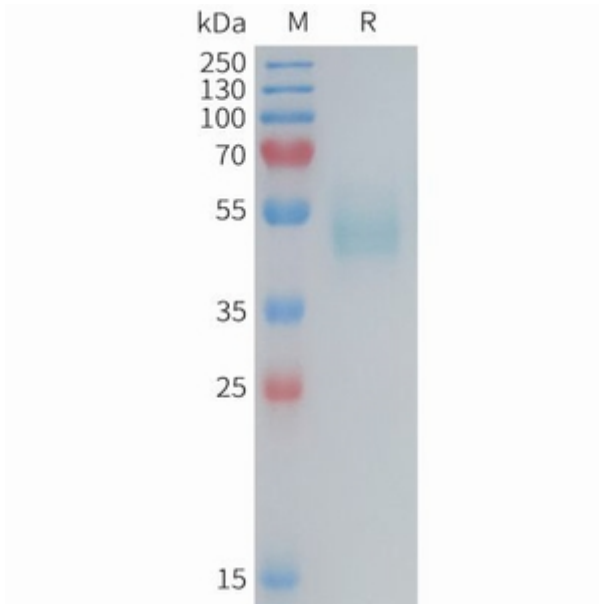


Figure 1. Mouse TSLP Protein, hFc Tag on SDS-PAGE under reducing condition.