

## PRODUCT INFORMATION

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|---|---|
| <b>Target</b>                           | TSLP  |
| <b>Synonyms</b>                         | TSLP  |
| <b>Description</b>                      | Recombinant mouse TSLP protein with C-terminal human Fc tag   |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | Q9JIE6  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-Human Fc Tag  |
| <b>Molecular Characterization</b>       | Mouse TSLP(Tyr20-Glu140) hFc(Glu99-Ala330)  |
| <b>Molecular Weight</b>                 | 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.   |
| <b>Purity</b>                           | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage&amp;Shipping</b>             | 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.   |
| <b>Background</b>                       | 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] |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |





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

