

Human TSLP Protein; hFc Tag

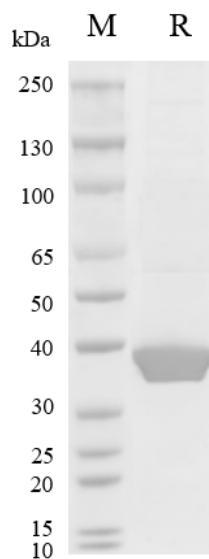
Product Information

Product Name	Human TSLP Protein; hFc Tag
Storage temp	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-87656RP-100 / 100 μg GM-87656RP-1000 / 1 mg

Protein Information

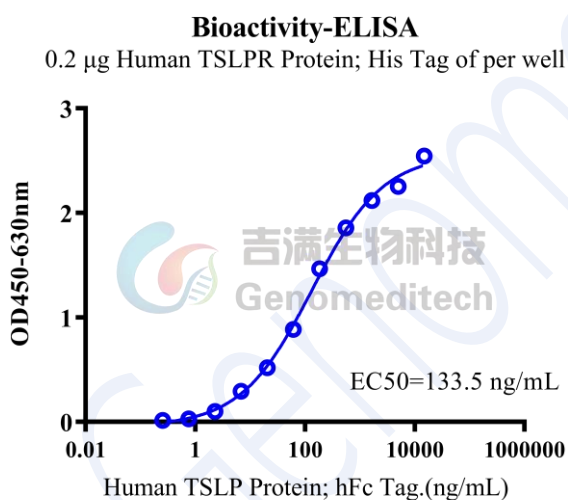
Alternative Names	Thymic stromal lymphopoietin
Source	Human TSLP Protein; hFc Tag (GM-87656RP) is expressed from human 293 cells (HEK-293). It contains AA Tyr 29 - Gln 159 (Accession # Q969D9-1). This protein carries a hFc tag at the C-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	39.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.2-7.4.
Description	<p>TSLP protein (Thymic stromal lymphopoietin) is a cytokine protein mainly produced by epithelial cells, immune cells, and other cells. It plays an important role in immune regulation and inflammation processes.</p> <p>TSLP protein has various functions in the immune system. It can promote the maturation and activation of dendritic cells, thereby triggering immune responses of T cells and B cells. Additionally, TSLP protein can also affect the activity of macrophages, mast cells, and other immune cells, regulating inflammatory responses and immune responses.</p> <p>TSLP protein plays an important role in allergic diseases and autoimmune diseases. It is considered an important regulatory factor in allergic diseases (such as asthma, eczema) and autoimmune diseases (such as rheumatoid arthritis, inflammatory bowel disease). Overactivation of TSLP is often closely related to the occurrence and development of these diseases.</p>

SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA



Human TSLPR Protein; His Tag (Catalog # GM-88179RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Human TSLP Protein; hFc Tag (Catalog # GM-87656RP) were added.