

Biotinylated Canine TSLP (R127A, R130A) Protein

Cat. No. TSP-DM401B

Description

Source	Recombinant Biotinylated Canine TSLP (R127A, R130A) Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Tyr28-Ser154(R126A, R129A).
Accession	I1VWC7
Molecular Weight	The protein has a predicted MW of 17.25 kDa. Due to glycosylation, the protein migrates to 18-20 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Thymic Stromal Lymphopoietin (TSLP) was originally identified as an activity from the conditioned medium of a mouse thymic stromal cell line that promoted the development of B cells. Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c dendritic cells. Can induce allergic inflammation by directly activating mast cells.

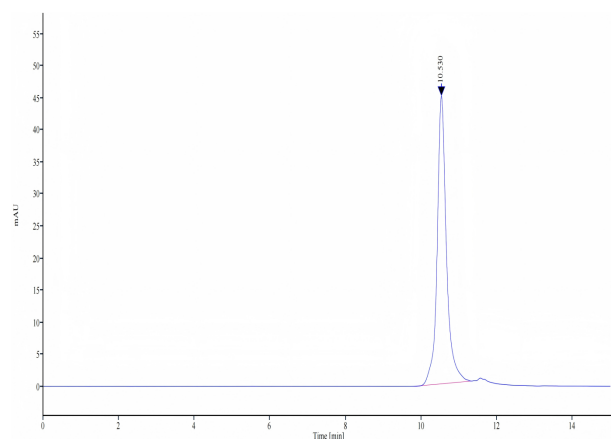
Assay Data

Bis-Tris PAGE



Biotinylated Canine TSLP (R127A, R130A) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Canine TSLP (R127A, R130A) is greater than 95% as determined by SEC-HPLC.