

PRODUCT INFORMATION SUMMARY

Human TSLP

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| Purified Factor | Product Number | HC511204A | 2.0 ug |
| Purified Factor | Product Number | HC511204B | 10.0 ug |

DESCRIPTION:

Human Thymic Stromal Lymphopoietin (TSLP) is a growth factor with biologic activities similar to IL-7, binding a heterodimeric receptor composed of a TSLP specific chain and the IL-7R alpha chain. TSLP induces TARC and MDC chemokine production from monocytes, attracting T cells and activates dendritic cells. This factor may play a role in initiating allergic inflammation and acute myeloid leukemia. Human TSLP has molecular weight of 15.0 kDa, and 132 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Human TSLP

BIOLOGICAL ACTIVITY: Not currently tested.

HANDLING AND STORAGE:

Purified Human TSLP factor is provided lyophilized and free of additives. Store lyophilized, at -20 ° C. Reconstitute with **distilled water**, to a concentration of 100 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.2**). Store small aliquots at -20 ° C, with addition of 0.1% BSA, for long-term storage -up to 3 months, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material. (Small quantities are difficult to see in vial, and may appear as thin film).

WARRANTY:

Products sold hereunder are warranted only to conform to the Quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE