

## 32-12331: Human Thymic Stromal Lymphopoietin

**Gene :** TSLP  
**Gene ID :** 85480  
**Uniprot ID :** Q969D9  
**Alternative Name :** Thymic stromal lymphopoietin

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 15.1 kDa (132 aa)

Thymic stromal lymphopoietin (TSLP) is a hematopoietic cytokine produced in several tissues including the heart, liver and prostate. TSLP induces the release of T-cell attracting chemokines from monocytes, and regulates the maturation of myeloid and epidermal dendritic cells. TSLP signals through a heterodimeric receptor complex containing the TSLP receptor (TSLP-R/CRLF2) and IL-7R alpha chain.

### Product Info

**Amount :** 10 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%  
**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5  
Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** MYDFTNCDFE KIKAAYLSTI SKDLITYMSG TKSTEFNNTV SCSNRPHCLT EIQLTFNPT AGCASLAKEM  
FAMKTKAALA IWCPGYSETQ INATQAMKKR RKRKVTTNKC LEQVSQQLGL WRRFNRPLL KQQ

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

