

32-8541: Recombinant Mouse Thymic Stromal Lymphopoietin/TSLP (C-Fc)

Gene : Tslp
Gene ID : 53603
Uniprot ID : Q9JIE6

Description

Source: Human Cells.

MW :41.1kD.

Recombinant Mouse Thymic stromal lymphopoietin is produced by our Mammalian expression system and the target gene encoding Tyr20-Glu140 is expressed with a Fc tag at the C-terminus. Thymic stromal lymphopoietin (TSLP) is a protein belonging to the cytokine family, contains 140 amino acids. It is known to play an important role in the maturation of T cell populations through activation of antigen presenting cells. TSLP induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c+ dendritic cells. It can induce allergic inflammation by directly activating mast cells. TSLP is produced mainly by non-hematopoietic cells such as fibroblasts, epithelial cells and different types of stromal or stromal-like cells. These cells are located in regions where TSLP activity is required.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : YNFSNCNFTSITKIYCNIIIFHDLTGDLKGAKFEQIEDCESKPACLLKIEYYTLNPIPGCPSLPDKTFARRTREALNDH
CPGYPETERNDGTQEMAQEVQNICLNQTSQILRLWYSFMQSPEVDDIEGRMDEPKSCDKTHTCPPCPAPELLG
GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLH
QDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESN
GQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

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