

Recombinant human TSLP protein, C-His (HEK293)

Catalog Number: bs-43222P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 29-159/159

Predicted MW: 16.6

Mutation Site: R127A,R130A

Tags: C-His

Endotoxin: Not analyzed

Purity: $\geq 90\%$ as determined by SDS-PAGE.

Purification: AC

Form: Liquid

Usage Guide R127A,R130A

Storage: PBS (pH=7.4)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles

Background: Thymic stromal lymphopoietin (TSLP) is a novel cytokine that was found to promote the development of murine B cells in vitro. This protein, which is expressed in a number of tissues including heart, liver and prostate, prevented apoptosis and stimulated growth of the human acute myeloid leukemia (AML)-derived cell line MUTZ-3. Anti-interleukin (IL)-7 receptor antibodies (Abs) neutralized this effect indicating that TSLP binds to at least part of the IL-7 receptor complex. TSLP induced phosphorylation of signal transducer and activator of transcription (STAT)-5.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.