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32-20484: Recombinant Human TSLP(Discontinued)

Reactivity : Human, Mouse
Alternative Name : Thymic Stromal Lymphopoietin

Description

Source:E.coliTSLP is a hemopoietic protein that is expressed in the heart, liver and prostate. TSLP overlaps biological activities with IL-7, and binds with the heterodimeric receptor complex consisting of the IL-7R Alpha -chain (IL-7RAlpha) and the TSLP-specific chain (TSLPR). Like IL-7, TSLP induces phosphorylation of STAT3 and STAT5, but uses kinases other than the JAKs for activation. TSLP prohibits apoptosis and stimulates growth of the human acute myeloid leukemia (AML)-derived cell line MUTZ3. It induces the release of T cell-attracting chemokines TARC and MDC from monocytes, and activates CD11c(+) dendritic cells (DCs). TSLP-activated DCs have been shown to prime naÃ¯ve T cells to produce the proallergic cytokines (IL-4, IL-5, IL-13, TNF-Alpha) while down-regulating IL-10 and IFN-Gamma, suggesting a role in initiating allergic inflammation. Recombinant Human TSLP is a 15.0 kDa protein consisting of 132 amino acid residues.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity:>= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MYDFTNCDFE KIKAAYLSTI SKDLITYMSG TKSTEFNNTV SCSNRPHCLT EIQSLTFNPTAGCASLAKEM FAMKTKAALA IWCPGYSETQ INATQAMKKR RKRKVTTNKC LEQVSQLQGLWRRFNRPLLK QQ

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