9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6584: TSLP Mouse

Alternative Name : Thymic Stromal Lymphopoietin, TSLP.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
TSLP protein is a hemopoietic cytokine which signals throughout a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor & the Interleukin-7 receptor alpha chain. TSLP impacts myeloid cells thus induces the discharge of T cell-attracting chemokines from monocytes & increases the growth of CD11c(+) dendritic cells. TSLP is mainly expressed in the heart, liver and prostate. TSLP is related in its biological activities with IL-7 and binds with the heterodimeric receptor complex consisting of the Interleukin-7 receptor alpha chain & the TSLPR. Similar to IL-7, TSLP enhances phosphorylation of STAT3 and STAT5, though uses kinases excluding JAKs for its activation. TSLP induces the release of T cell-attracting chemokines such asTARC & MDC from monocytes & triggers CD11c(+) dendritic cells. TSLP activated dendritic cells primes naive T cells to manufacture pro-allergic cytokines such as Iinterleukin-4, Interleukin-5, Interleukin-13 and TNF-alpha whereas down-regulating Interleukin-10 and IFN-gamma play a role in the initiation of allergic inflammation.
TSLP Mouse Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 130 amino acids (20-140aa) and having a molecular mass of 15.0kDa.TSLP is fused to a 29 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater thanÂ 90.0%Â as determined by SDS-PAGE.
Content :	The TSLP solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPYNFSNCN FTSITKIYCN IIFHDLTGDL KGAKFEQIED CESKPACLLK IEYYTLNPIPGCPSLPDKTF ARRTREALND HCPGYPETER NDGTQEMAQE VQNICLNQTS QILRLWYSFM QSPEHHHHHHÂ