



## TSLP blocking peptide (CDBP6381)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">TSLP thymic stromal lymphopoietin [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TSLP
<b>Synonyms</b>	TSLP; thymic stromal lymphopoietin

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<b>Entrez Gene ID</b>	<a href="#">85480</a>
<b>mRNA Refseq</b>	<a href="#">NM_033035</a>
<b>Protein Refseq</b>	<a href="#">NP_149024</a>
<b>UniProt ID</b>	Q969D9
<b>Pathway</b>	Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; TSLP Signaling Pathway
<b>Function</b>	cytokine activity

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