Recombinant Human TSLP Protein

Cat. No. TSLP-258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSLP Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Thymic stromal lymphopoietin (TSLP) is a hematopoietic cytokine produced in several tissues including the heart, liver and prostate. TSLP induces the release of T-cell attracting chemokines from monocytes, and regulates the maturation of myeloid and epidermal dendritic cells. TSLP signals through a heterodimeric receptor complex containing the TSLP receptor (TSLP-R/CRLF2) and IL-7R alpha chain.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 15.1 kDa (132 aa)
AA Sequence	MYDFTNCDFEKIKAAYLSTISKDLITYMSGTKSTEFNNTVSCSNRPHCLTEIQSLTFNP TAGCASLAKEMFAMKTKAALAIWCPGYSETQINATQAMKKRRKRKVTTNKCLEQVS QLQGLWRRFNRPLLKQQ
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied.

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	1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	TSLP thymic stromal lymphopoietin [Homo sapiens (human)]
Official Symbol	TSLP
Synonyms	TSLP; thymic stromal lymphopoietin;
Gene ID	85480
mRNA Refseq	NM_033035
Protein Refseq	NP_149024

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MIM	607003
UniProt ID	Q969D9

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