Recombinant Mouse Tslp Protein, His-tagged

Cat. No. Tslp-502M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tslp Protein (Arg91-Glu140) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg91-Glu140
Description	Enables cytokine activity. Predicted to be involved in several processes, including defense response to other organism; positive regulation of cytokine production; and positive regulation of signal transduction. Predicted to be located in extracellular region. Is expressed in ductus deferens; epididymis; ileum; and testis. Used to study atopic dermatitis; autoimmune hemolytic anemia; cryoglobulinemia; and membranoproliferative glomerulonephritis. Orthologous to human TSLP (thymic stromal lymphopoietin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 9.6 kDa Accurate Molecular Mass: 10 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Tslp thymic stromal lymphopoietin [Mus musculus (house mouse)]
Official Symbol	Tslp
Synonyms	TSLP; thymic stromal lymphopoietin; thymic stroma-derived lymphopoietin
Gene ID	53603
mRNA Refseq	NM_021367
Protein Refseq	NP_067342
UniProt ID	Q9JIE6

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